

APPLIED SIGNAL TECHNOLOGY INC  
Form 10-Q  
June 01, 2006

United States  
Securities and Exchange Commission  
Washington, D.C. 20549

**Form 10-Q**

(Mark One)

☒ Quarterly Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

**For the Period Ended April 28, 2006**

or

☐ Transition Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 for the Transition Period from \_\_\_\_\_ to \_\_\_\_\_.

Commission file number 0-21236

**Applied Signal Technology, Inc.**  
(Exact name of registrant as specified in its charter)

**California**  
(State or other jurisdiction of incorporation or organization)

**77-0015491**  
(I.R.S. Employer Identification No.)

**400 West California Avenue, Sunnyvale, CA 94086**  
**(408) 749-1888**  
(Registrant's telephone number, including area code)

Indicate by checkmark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter periods that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

X  
-----  
Yes      No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act (Check one):

X  
-----  
Large accelerated filer      Accelerated filer      Non-accelerated filer  
Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

X  
-----  
Yes      No

The number of shares of the Registrant's common stock outstanding as of April 28, 2006 was 11,768,827.

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## Part I. Financial Information

### Item 1: Condensed Consolidated Financial Statements

**Applied Signal Technology, Inc.**  
**Balance Sheets**

(in thousands, except share data)

<b>Assets</b>	<b>April 28, 2006 (Unaudited)</b>	<b>October 31, 2005 (Note)</b>
Current assets:		
Cash and cash equivalents	\$24,398	\$ 18,920
Short term investments	5,400 -----	10,615 -----
Total cash and cash equivalents and short-term investments	29,798	29,535
Accounts receivable:		

Billed	16,926	26,824
Unbilled	20,559	21,642
	-----	-----
Total accounts receivable	37,485	48,466
Inventory	10,936	5,269
Prepaid and other current assets	8,868	6,307
	-----	-----
Total current assets	87,087	89,577
Property and equipment, at cost:		
Machinery and equipment	52,234	50,487
Furniture and fixtures	5,177	5,118
Leasehold improvements	13,514	12,860
Construction in process	269	154
	-----	-----
	71,194	68,619
Accumulated depreciation and amortization	(54,244)	(52,328)
	-----	-----
Net property and equipment	16,950	16,291
Goodwill	19,725	19,785
Intangible assets, net of accumulated amortization	1,608	2,005
Long-term deferred tax asset	6,328	5,821
Other assets	755	844
	-----	-----
Total assets	\$132,453	\$134,323
	=====	=====

**Applied Signal Technology, Inc.**  
**Balance Sheets (continued)**

(in thousands, except share data)

Liabilities and Shareholders' Equity	April 28, 2006 (Unaudited)	October 31, 2005 (Note)
Current liabilities:		
Accounts payable	\$3,703	\$8,621
Accrued payroll and related benefits	13,245	14,098
Note payable	1,429	1,429
Income taxes payable	306	633
Other accrued liabilities	1,650	1,608
	-----	-----
Total current liabilities	20,333	26,389

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Long-term note payable	7,500	8,215
Accrued rent	1,283	1,286
Other long-term liabilities	553	501
Shareholder's equity:		
Common stock and additional paid-in capital, no par value: 20,000,000 shares authorized; issued and outstanding shares: 11,768,827 at April 28, 2006 and 11,528,318 at October 31, 2005	47,785	42,831
Retained earnings	54,879	54,974
Accumulated comprehensive income	120	127
Total shareholders' equity	102,784	97,932
Total liabilities and shareholders' equity	\$132,453	\$134,323

See "Notes to Condensed Consolidated Financial Statements."

**Applied Signal Technology, Inc.**  
**Statements of Operations (unaudited)**  
(in thousands, except per-share data)

	—Three Months Ended—		—Six Months Ended—	
	April 28, 2006	April 29, 2005	April 28, 2006	April 29, 2005
Revenues from contracts	\$43,525	\$32,053	\$77,078	\$62,163
Operating expenses:				
Contract costs	29,253	20,646	51,321	40,485
Research and development	4,698	3,139	8,287	6,316
General and administrative	6,834	4,541	12,204	8,363
Total operating expenses	40,785	28,326	71,812	55,164
Operating income	2,740	3,727	5,266	6,999
Interest income, net	49	217	71	380
Income before provision for income taxes	2,789	3,944	5,337	7,379
Provision for income taxes	1,266	1,617	2,502	3,025
Net income	\$1,523	\$2,327	\$2,835	\$4,354
Net income per common share:				

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Basic	\$0.13	\$0.20	\$ 0.24	\$0.38
Diluted	\$0.13	\$0.20	\$0.24	\$0.37
Number of shares used in calculating net income per common share:				
Basic	11,712	11,364	11,665	11,329
Diluted	12,012	11,770	11,974	11,823

See "Notes to Condensed Consolidated Financial Statements."

**Applied Signal Technology, Inc.**
**Statements of Cash Flows**
**Increase (Decrease) in Cash and Cash Equivalents (unaudited)**

(in thousands)

	<b>Six Months Ended</b>	
	<b>April 28, 2006</b>	<b>April 29, 2005</b>
<b>Operating Activities</b>		
Net income	\$2,835	\$4,354
Adjustments to reconcile net income to net cash provided by operating activities		
Depreciation and amortization	2,537	1,769
Stock-based compensation	2,266	—
Tax benefit related to stock plan	304	—
Excess tax benefits from stock-based payment arrangements	(159)	—
Changes in:		
Accounts receivable	10,981	14,391
Inventory, prepaids, and other assets	(8,657)	(5,441)
Goodwill	60	—
Accounts payable, taxes payable, and accrued expenses	(6,037)	(4,218)
Net cash provided by operating activities	4,130	10,855
<b>Investing Activities</b>		
Purchases of available-for-sale securities	—	(18,945)
Maturities of available-for-sale securities	5,200	25,917
Additions to property and equipment	(2,780)	(2,256)
Net cash provided by investing activities	2,420	4,716
<b>Financing Activities</b>		
Issuance of common stock	2,384	2,036
Excess tax benefits from stock-based payment arrangements	159	—

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Term loan	(715)	—
	(2,900)	(2,821)
Dividends paid	-----	-----
Net cash used in financing activities	(1,072)	(785)
Net increase in cash and cash equivalents	5,478	14,786
	18,920	11,227
Cash and cash equivalents, beginning of period	-----	-----
	\$24,398	\$26,013
Cash and cash equivalents, end of period	=====	=====
Supplemental disclosures of cash flow information:		
Interest paid	\$333	\$70
Income taxes paid	\$3,754	\$2,107

See "Notes to Condensed Consolidated Financial Statements."

**Applied Signal Technology, Inc.**  
**Notes to Condensed Consolidated Financial Statements (unaudited)**  
**April 28, 2006**

**Note 1: Summary of Significant Accounting Policies**

**Description of Business and Basis of Presentation**

Applied Signal Technology, Inc. (AST) provides advanced digital signal processing products, systems, and services in support of intelligence, surveillance, and reconnaissance (ISR) for global security. We provide processing of both man-made and non-man-made signals. The man-made signal processing is for both communications intelligence (COMINT) and electronic intelligence (ELINT). The non-man-made signal processing is applied to phenomenological sensors. Our primary customer is the United States Government. We develop and manufacture equipment for both the collection and processing of signals.

COMINT derives intelligence from telecommunications signals. Our COMINT signal collection equipment consists of sophisticated receivers that scan through potentially thousands of cellular telephone, microwave, ship-to-shore, and military transmissions in the radio frequency (RF) spectrum with the goal of collecting certain specific signals. Our COMINT signal processing equipment uses advanced software and hardware to evaluate characteristics of the collected signals and selects those most likely to contain relevant information. At inception, our efforts were primarily focused on COMINT processing equipment. Over time, we have broadened our scope to add specialized collection equipment and complete signal processing systems and related services.

ELINT derives intelligence from signals associated with weapons systems. Our investment in ELINT is directed toward the development of equipment for the collection and processing of weapons systems signals. This equipment will be able to scan the radar bands associated with weapons systems and determine the type of system and its precise location for battlefield characterization and force protection. The equipment will also analyze the command and control signals associated with these weapons systems to provide information about battlefield readiness.

In the current counterterrorism campaign, the United States Government has determined that phenomenological information is very important in aiding the detection and location of terrorist activities. Sensor detection of abnormal physical phenomena can provide an indication of activities that can be of concern to global security. Examples of these phenomena are detection of chemicals that might be used for explosive devices or the detection of sub-terrain ferrous materials that might indicate an underground facility for weapon manufacturing.

On July 1, 2005, we acquired DTI, a privately held company headquartered in Torrance, California with offices in Anaheim, California and Arlington, Virginia. DTI was a provider of advanced sensor signal processing solutions for advanced space-based, airborne, terrestrial, and undersea sensor technologies. In accordance with Statement of Financial Accounting Standard (SFAS) 141, *Business Combinations*, the acquisition was accounted for as a purchase transaction, and we have included in our results of operations the results of DTI subsequent to the acquisition date.

Substantially all of our revenues are from contracts with the United States Government, its agencies, or prime contractors for the United States Government.

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The accompanying unaudited, condensed consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by accounting principles generally accepted in the United States for complete financial statements, and should be read in conjunction with the financial statements and footnotes thereto included in our Annual Report on Form 10-K for the year ended October 31, 2005. In the opinion of management, all adjustments (consisting of normal recurring adjustments) considered necessary for a fair presentation have been included. Operating results for the three-month and six-month periods ending April 28, 2006 are not necessarily indicative of the results that may be expected for the year ending October 31, 2006. The balance sheet at October 31, 2005 has been derived from the audited financial statements at that date but does not include all of the information required by accounting principles generally accepted in the United States for complete financial statements.

### Estimates

In order for us to prepare financial statements in conformity with accounting principles generally accepted in the United States, management is required to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ materially from those estimates.

### Principles of Consolidation

The financial statements include the accounts of AST and its wholly owned subsidiary, DTI. All significant intercompany transactions have been eliminated.

### Reclassification of Balances

Precontract costs have been reclassified on the balance sheets from inventory to other current assets for all periods presented. Precontract costs represent costs incurred in anticipation of specific expected future contract awards and costs incurred in connection with ongoing contracts for which contract modifications have not been defined or completed at the end of the reporting date.

Precontract costs for the periods ending April 28, 2006 and October 31, 2005 were approximately \$1,453,000 and \$1,046,000, respectively.

### Revenues and Contract Accounting

**Revenues and cost recognition.** The majority of our contracts with the United States Government, its agencies, or prime contractors with the United States Government are accounted for in accordance with the American Institute of Certified Public Accountants (AICPA) Statement of Opinion 81-1, *Accounting for Performance of Construction-Type and Production-Type Contracts* (SOP 81-1). These contracts are executed by using written contractual arrangements, most of which require us to design, develop, manufacture, and/or modify our complex products, and perform related services according to specifications provided by the customer. A limited number of standalone software contracts are recognized in accordance with the AICPA Statement of Opinion 97-2, *Software Revenue Recognition*.

We account for cost-reimbursement contracts by charging actual labor, materials, and other direct costs, plus estimated indirect costs of operations as incurred (incurred costs) including overhead, research and development, and general and administrative expenses. Indirect costs are not applied to subcontract costs that are in excess of \$250,000 and meet certain other predetermined criteria.

We recognize contract revenues and profits on cost-reimbursement contracts by applying an estimated fee rate to all incurred costs on an individual contract basis. Fee calculations are based on either negotiated fee amounts or management's assessment of the fee amounts that are likely to be earned.

Our policy for recognizing interim award fees on our cost-plus-award-fee contracts is based on management's assessment as to the likelihood that the award fee or an incremental portion thereof will be earned, on a contract-by-contract basis. Management's assessments are based on numerous factors, including contract terms, nature of the work to be performed, our relationship and history with the customer, our history with similar types of projects, and our current and anticipated performance on the specific contract. No award fee is recognized in whole or in part until management determines that it is probable that the award fee or portion thereof will be earned. If management's assessment is incorrect, or there are changes in facts and circumstances, we may be required to revise our estimates and the adjustment to profits resulting from such revisions may affect future period earnings.

Our engineering services contracts are typically performed on a level-of-effort basis. Revenue is recognized in accordance with our policy regarding cost-reimbursement contracts.

We account for fixed-price contracts by using the percentage-of-completion method. Under this method, labor, materials, and other direct costs, plus estimated indirect costs of operations, are charged as incurred (incurred costs). A portion of the contract revenue, based on estimated profits

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and the degree of completion of the contract as measured by a comparison of the actual and estimated costs, is recognized as revenue each period. Unexpected increases in the cost to develop or manufacture a product under a fixed-price contract, whether due to inaccurate estimates in the bidding process, unanticipated increases in material costs, inefficiencies, or other factors, are borne by us, and could have a material, adverse effect on our results of operations.

Six contracts represented an aggregate of 40% of revenues for the three-month and six-month periods ending April 28, 2006. Four contracts represented an aggregate of 49% and 52% of revenues for the three-month and six month periods ending April 29, 2005, respectively. These contracts are all cost-reimbursement contracts. The following table represents our revenue concentration during the respective periods by contract type.

	—Three Months Ended—		—Six Months Ended—	
	April 28, 2006	April 29, 2005	April 28, 2006	April 29, 2005
Cost-reimbursement contracts	83%	80%	83%	79%
Fixed-price contracts	17%	20%	17%	21%

For those contracts in which all of the terms have not yet been finalized, revenue does not include an estimated fee rate on cost.

Management reviews contract performance, costs incurred, and estimated completion costs regularly. Revenues and profits are adjusted on all contracts in the period in which changes, including anticipated losses, become determinable.

Revenues from our software licenses are accounted for under AICPA Statement of Position 97-2, *Software Recognition*. Revenues from our software licenses have been insignificant in all periods presented.

**Indirect rate variance adjustments to operations.** We record contract revenues and costs of operations for interim reporting purposes based on annual targeted indirect rates. At year-end, the revenues and costs are adjusted for actual indirect rates. During our interim reporting periods, variances may accumulate between the actual indirect rates and the annual targeted rates. All timing-related indirect spending variances are removed from contract costs, research and development, and general and administrative expenses, and are included in inventory as part of work in process during these interim reporting periods. These rates are reviewed regularly, and we record adjustments for any material, permanent variances in the period they become determinable.

Our accounting policy for recording indirect rate variances is based on management's belief that variances accumulated during interim reporting periods will be absorbed by expected contract activities during the remainder of the year. We consider the rate variance to be unfavorable when our actual indirect rates are greater than our annual targeted rates. In contrast, a favorable rate variance occurs when our actual indirect rates are lower than our annual targeted rates. During interim reporting periods, unfavorable rate variances are recorded as reductions to operating expenses and increases to work-in-process inventory. Favorable rate variances are recorded as increases to operating expenses and decreases to work-in-process inventory.

If we anticipate that actual indirect rates will be different than planned levels, there are alternatives we can utilize to absorb the variance: we can adjust our planned indirect spending during the year; request a modification of our billing rates to our customers through the Defense Contract Audit Agency, in accordance with Federal Acquisition Regulations; or record adjustments to expense based on estimates of future contract activities for the remainder of the fiscal year.

If our rate variance is unfavorable, the modification of our billing rates will likely increase revenue and operating expenses, and decrease inventory. Fee percentages on fixed-price and cost-reimbursement contracts will generally decline as a result of any increase to indirect costs. If our rate variance is favorable, the modification of our billing rates will decrease revenue and operating expenses, and increase inventory. In this event, fee percentages on fixed-price contracts will generally increase. Fee percentages on cost-reimbursable contracts will generally be unaffected as a result of any reduction to indirect costs, due to the fact that programs will typically expend all of the funds available. Any impact on operating income, however, will depend on a number of other factors, including mix of contract types, contract terms, anticipated performance on specific contracts, and anticipated changes in inventory.

At April 28, 2006, the unfavorable rate variance was approximately \$3,867,000 and at April 29, 2005, the unfavorable rate variance was approximately \$4,064,000.

**Accounts receivable and allowance for bad debt.** Accounts receivable are segregated between billed and unbilled accounts. For cost-reimbursement contracts, we bill incurred costs and a portion of our fees on a regular basis. Under fixed-price contracts, we either regularly progress bill 90% of incurred costs or bill contract costs on a milestone or unit of delivery basis. Unbilled amounts result from our recognition of



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contract revenue in advance of contractual billing or progress billing terms.

When evaluating our need for a bad debt allowance, we consider our customer base and their payment history. The majority of our revenues are generated from the United States Government, its agencies, or prime contractors for the United States Government, and therefore credit risk is minimal. We record allowances for bad debt as a reduction to accounts receivable and an increase to bad debt expense. These allowances are recorded in the period a specific collection problem is identified. Once the receivable is deemed uncollectible, the allowance is reversed and the receivable is written off to bad debt expense.

At April 28, 2006 and October 31, 2005, there was no balance for the allowance for doubtful accounts. There was no charge to bad debt expense during the first six months of fiscal year 2006 or fiscal year 2005.

**Income taxes.** Our income tax expense at interim reporting periods is based on our estimated annual effective tax rate and any discrete items that occur during any interim period. This estimated tax rate is calculated based on the projected net income at the end of the fiscal year, and is reviewed at each reporting period. At the end of the fiscal year, income tax expense is adjusted for actual results. Our effective tax rate can differ from the statutory rate as a result of such expected benefits as R&D credits and the reversals of valuation allowances. In addition, our effective tax rate can be greater than the statutory rate due to the non-tax-deductible nature of certain types of stock-based compensation expense. Please refer to Note 8: "Provision for Income Taxes" for the current year effective tax rate.

### Price Redetermination

As a government contractor, we are subject to price redetermination on certain fixed-price contracts if it is determined that we did not price our products and services consistent with the requirements of the Federal Acquisition Regulations. We did not incur any price redeterminations on any of our contracts during the first six months of fiscal years 2006 and 2005.

### Cash Equivalents and Investments

We consider all highly liquid debt instruments purchased with an original maturity date of three months or less to be cash equivalents. A significant portion of our cash equivalents is tax exempt. This strategy has been utilized in response to the increase in our effective tax rate.

Our securities are classified as available-for-sale and are carried at fair market value in short-term investments. At the time of purchase, management determines the appropriate classification of these securities and re-evaluates such designation as of each balance sheet date. Unrealized gains and losses, net of tax, are reported in shareholders' equity as part of comprehensive income. The cost of securities sold is based on the specific identification method. The fair value of short-term investments is determined based on quoted market prices for the respective securities. Realized gains and losses on sales of available-for-sale securities were not material for the first six months of fiscal year 2006 or fiscal year 2005.

The following tables summarize our cash, cash equivalents, and short-term securities (in thousands).

		April 28, 2006		
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Market Value
Cash and cash equivalents	\$24,398	\$—	\$—	\$24,398
Short-term, available-for-sale securities:				
Corporate securities	801	—	(1)	800
Government securities	4,600	—	—	4,600
	=====	=====	=====	=====
	\$29,799	\$—	\$(1)	\$29,798
	=====	=====	=====	=====

		October 31, 2005		
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Market Value

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Cash and cash equivalents	\$18,920	\$—	\$—	\$18,920
Short-term, available-for-sale securities:				
Corporate securities	4,022	—	(5)	4,017
Government securities	6,598	—	—	6,598
	-----	-----	-----	-----
	\$29,540	\$—	\$(5)	\$29,535
	=====	=====	=====	=====

The following table summarizes the maturities of our short-term investments (in thousands).

	April 28, 2006	October 31, 2005
Due in one year or less	\$5,400	\$10,615

### Restricted Cash

We had restricted cash balances of approximately \$489,000 and \$545,000 at April 28, 2006, and at October 31, 2005, respectively. These balances include contributions made by our employees residing in California for disability funds. These contributions were paid in lieu of participating in the state-sponsored disability program.

Approximately \$121,000 and \$90,000 was included in prepaids and other current assets at April 28, 2006, and at October 31, 2005, respectively. Approximately \$368,000 and \$455,000 was included in other assets for the three-month period ending April 28, 2006, and at October 31, 2005, respectively.

### Property and Equipment

Machinery and equipment, as well as furniture and fixtures, are depreciated by using the straight-line method over the estimated useful lives of the assets, ranging up to five years. Leasehold improvements are amortized by using the straight-line method over the lesser of the useful life of the assets or the lease term. Construction in process includes costs incurred to build a portion of our leasehold improvements and test equipment.

**Goodwill valuation.** We test goodwill for possible impairment on an annual basis and at any other time if events occur or circumstances indicate that the current carrying amount of goodwill may not be recoverable. Circumstances that could trigger an impairment test include, but are not limited to, a significant adverse change in the business climate or legal factors, an adverse action or assessment by a regulator, and unanticipated competition and loss of key personnel.

We compare the fair value of the reporting unit with the carrying amount of the reporting unit. We consider AST to be one reporting unit. For further information, see Note 7: "Segment Reporting." To perform the goodwill impairment test, we determine the fair value of its reporting unit and compare the fair value to the reporting unit's carrying value. To the extent the reporting unit's carrying value exceeds its fair value, we must perform the second step of the impairment test. In the second step, we must compare the implied fair value of the reporting unit's goodwill to its carrying amount. If no impairment exists under step one, then step two is not necessary.

No indicators of impairment existed at April 28, 2006.

**Long-lived asset valuation (property, plant and equipment, and intangible assets).** We test long-lived assets or asset groups for recoverability when events or changes in circumstances indicate that their carrying amount may not be recoverable. Circumstances that could trigger a review include, but are not limited to significant decreases in the market price of the asset, significant adverse changes in the business climate or legal factors, accumulation of costs significantly in excess of the amount originally expected for the acquisition or construction of the asset, current period cash flow or operating losses combined with a history of losses or a forecast of continuing losses associated with the use of the asset, and current expectation that the asset will more likely than not be sold or disposed of significantly before the end of its estimated useful life.

Recoverability will be assessed based on the carrying amount of the asset and its fair value, which is generally determined based on the sum of the undiscounted cash flows expected to result from the use and the eventual disposal of the asset. An impairment loss is recognized when the carrying amount is not recoverable and exceeds fair value.

No indicators of impairment existed at April 28, 2006.

### Per-Share Data

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Basic net income per share is determined by dividing net income by the weighted average number of common shares outstanding during the period. Diluted net income per share is determined by dividing net income by the weighted average number of common shares used in the basic earnings per share calculation, plus the number of common shares that would be issued assuming conversion of all potentially dilutive securities outstanding under the treasury stock method.

The per-share data is as follows (in thousands, except per-share amounts):

	—Three Months Ended—		—Six Months Ended—	
	April 28, 2006	April 29, 2005	April 28, 2006	April 29, 2005
<b>Numerator:</b>				
Net income	\$1,523 =====	\$2,327 =====	\$2,835 =====	\$4,354 =====
<b>Denominator:</b>				
Shares used to compute net income per common share – basic	11,712	11,364	11,665	11,329
Effect of dilutive stock options	300 -----	406 -----	309 -----	494 -----
Shares used to compute net income per common share – diluted	12,012 =====	11,770 =====	11,974 =====	11,823 =====
Net income per common share – basic	\$0.13	\$0.20	\$0.24	\$0.38
Net income per common share – diluted	\$0.13	\$0.20	\$0.24	\$0.37

The exercise prices of approximately 523,000 and 553,000 potential common shares for the three-month and six-month periods ending April 28, 2006 were greater than the market value, and therefore we excluded those shares from the diluted net income per common share computation for the respective periods, as their effect would be antidilutive. For the same periods in fiscal year 2005, we excluded 408,000 and 120,000 potential common shares from the diluted net income per common share computation for the same reason as the second quarter and first six months of fiscal year 2005.

An additional 214,000 and 189,000 potential common shares were excluded from the diluted net income per common share computation for the second quarter and first six months of fiscal year 2006, as their effect would be antidilutive under the provisions of SFAS 123 (revised 2004), *Share-Based Payment* (SFAS 123R).

### Comprehensive Income

The components of comprehensive income, net of tax, are as follows (in thousands):

	—Three Months Ended—		—Six Months Ended—	
	April 28, 2006	April 29, 2005	April 28, 2006	April 29, 2005
Net income	\$1,523	\$2,327	\$2,835	\$4,354
Unrealized gain on securities	1	11	4	11
Derivative gain (loss), net of tax	53 -----	— -----	(11) -----	— -----
Comprehensive income	\$1,577 =====	\$2,338 =====	\$2,828 =====	\$4,365 =====

Accumulated comprehensive income as of April 28, 2006, was approximately \$120,000, and as of October 31, 2005, was approximately \$127,000.

## Dividends

In November 2005, the Board of Directors approved the continuation of the dividend at the rate of \$0.50 per share per annum, payable quarterly. Dividends were paid on February 10, 2006 and May 12, 2006 to shareholders of record at January 27, 2006 and April 28, 2006, and are expected to be paid on August 11, 2006 and November 10, 2006 to shareholders of record at July 28, 2006 and October 31, 2006. We paid dividends of approximately \$2,900,000 during the first six months of fiscal year 2006 and approximately \$2,821,000 during the first six months of fiscal year 2005.

At April 28, 2006 and October 31, 2005, accrued dividends of approximately \$1,471,000 and \$1,441,000, respectively, were included in other accrued liabilities on the accompanying balance sheet.

## Stock-Based Compensation

We have stock-based compensation programs that provide our Board of Directors discretion in creating employee equity incentives. These programs include incentive and non-statutory stock options granted under various plans, as well as restricted stock and restricted stock units under our 2004 Plan. Stock options are generally time-based, vesting 20% on each anniversary of the grant date over five years and expiring eight or ten years from the grant date.

Historically, we have utilized stock options as the primary component of our stock-based incentive plans for directors and officers. In April 2006, the compensation committee elected to grant restricted stock to our officers and directors. Restricted stock awards are issued at the fair value of the stock on the grant date. The restrictions will lapse in four equal annual installments, on each anniversary of the grant date.

Additionally, we have an Employee Stock Purchase Plan (ESPP) that allows employees to purchase shares of common stock at 85% of the fair market value at the lower of either the date of enrollment or the date of purchase. Our ESPP has a twenty-four-month offering period with four six-month purchase periods within each offering period. If the fair market value on the purchase date is lower than the fair market value on the offering date, all participants are withdrawn from the offering period and re-enrolled into a new twenty-four-month offering period.

As of April 28, 2006, there were a total of 1.2 million shares reserved for future issuance under all of our equity incentive plans and our ESPP.

On November 1, 2005, we adopted the provisions of SFAS 123 (revised 2004), *Share-Based Payment* (SFAS 123R), requiring us to recognize expense related to the fair value of our stock-based compensation awards that are ultimately expected to vest. We recognize the stock compensation expense over the requisite service period of the individual grantees, which generally equals the vesting period. Prior to November 1, 2005, we followed Accounting Principles Board (APB) Opinion 25, *Accounting for Stock Issued to Employees*, and related interpretations in accounting for our stock compensation. We elected to use the modified prospective transition method as permitted by SFAS 123R and therefore have not restated our financial results for prior periods. Under this transition method, the provisions of SFAS 123R apply to awards granted or modified under our stock option plans and ESPP after the date of adoption. In addition, the unrecognized expense of awards not vested at the date of adoption shall be recognized in net income in the periods after the date of adoption by using the same valuation method (that is, Black-Scholes) and assumptions determined under the original provisions of SFAS 123, *Accounting for Stock-Based Compensation*, as disclosed in our previous filings. Accordingly, stock-based compensation expense for the three-month period and six-month period ending April 28, 2006, includes compensation expense for stock-based compensation awards granted prior to, but not yet vested as of November 1, 2005, based on the grant-date fair value estimated in accordance with the original provisions of SFAS 123. Stock-based compensation expense for all stock-based compensation awards granted subsequent to November 1, 2005, was based on the grant-date fair value estimated in accordance with the provisions of SFAS 123R. We recognize compensation expense for stock option awards on a straight-line basis over the requisite service period of the award.

The following table sets forth the total stock-based compensation expense resulting from stock options and ESPP included in our condensed consolidated statements of operations (in thousands, except share data).

	Three Months Ended April 28, 2006	Six Months Ended April 28, 2006
Contract costs	\$650	\$1,343
Research and development	63	138
	412	785
General and administrative	-----	-----
Stock-based compensation expense before income taxes	\$1,125	\$2,266

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Stock-based compensation expense after income taxes	\$959	\$1,920
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As a result of adopting SFAS 123R, our income before income taxes and net income for the three months ended April 28, 2006, are lower by approximately \$1,125,000, and \$959,000, respectively, than if we had continued to account for our stock-based compensation expense under SFAS 123. Our income before income taxes and net income for the six months ended April 28, 2006, are lower by approximately \$2,266,000 and \$1,920,000, respectively. In addition, basic and diluted net income per share for the three months ended April 28, 2006, were reduced by approximately \$0.08 and \$0.08 per share, respectively, as a result of adopting SFAS 123R. Basic and diluted net income per share for the six months ended April 28, 2006, are lower by approximately \$0.16 and \$0.16, respectively.

Prior to the adoption of SFAS 123R, we applied SFAS 123, amended by SFAS 148, *Accounting for Stock-Based Compensation – Transition and Disclosure*, which allowed companies to apply existing accounting rules under APB 25. In general, as the exercise price of options granted under these plans was equal to the market price of the underlying common stock on the grant date, no stock-based employee compensation cost was recognized in our net income for periods prior to the adoption of SFAS 123R. As required by SFAS 123 and 148 prior to the adoption of SFAS 123R, we provided pro forma net income (loss) and pro forma net income (loss) per common share disclosures for stock-based awards as if the fair-value method defined in SFAS 123 had been applied.

SFAS 123R requires us to present pro forma information for the comparative period prior to the adoption as if we had accounted for all of our employee stock options and ESPP under the fair value method of the original SFAS 123. The following table illustrates the effect on net income after tax and net income per common share as if we had applied the fair value recognition provisions of SFAS 123 to stock-based compensation during the three-month and six-month periods period ending April 29, 2005 (in thousands, except per-share amounts).

	Three Months Ended April 29, 2005	Six Months Ended April 29, 2005
Net income, as reported	\$2,327	\$4,354
Deduct: total stock-based compensation expense determined at the fair value for all awards	852 -----	1,577 -----
Pro forma net income	\$1,475	\$2,777
Net income per share:		
Basic – as reported	\$0.20	\$0.38
Basic – pro forma	\$0.13	\$0.25
Diluted – as reported	\$0.20	\$0.37
Diluted – pro forma	\$0.13	\$0.23

The pro forma numbers previously reported, pursuant to SFAS 123 and SFAS 148, in our financial statements for the second quarter and first six months of fiscal year 2005 for the stock-based compensation expense, the weighted average fair value, and the weighted average volatility of the options granted and ESPP, have been revised due to the correction of the respective weighted-average volatility. In addition, the pro forma net income as previously reported for the fiscal year 2005, including the second quarter and first six months of that fiscal year, has been revised to reflect the impact of our ESPP look back feature. As a result of these corrections, the pro forma net income for the three and six months ended April 29, 2005, decreased by \$17,000 and increased by \$96,000, respectively. Our pro forma basic and diluted net income per common share did not change for the three months ended April 29, 2005. Our pro forma basic net income per common share increased by \$0.01 for the six months ended April 29, 2005.

Our determination of fair value of stock-based compensation awards on the date of grant by using an option pricing model is affected by our stock price as well as assumptions regarding a number of complex and subjective variables. These factors include, but are not limited to, our expected stock price volatility, the projected employee stock option life, the expected dividend yield, and the risk-free interest rate. Changes in the subjective assumptions can materially affect the estimated value of the stock options.

The fair value of options granted and shares issued under the ESPP by the Company was estimated by using the Black-Scholes valuation model using the following weighted average assumptions:

Employee Stock Options		Employee Stock Purchase Plan	
Six Months Ended April 28, 2006	Six Months Ended April 29, 2005	Six Months Ended April 28, 2006	Six Months Ended April 29, 2005

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Risk-free interest rate	4.5%	3.8%	4.4%	2.7%
Expected life (years)	5.0	5.0	1.2	1.3
Expected volatility	50%	64%	40%	41%
Expected dividends	3.0%	1.3%	2.2%	1.8%
Weighted average fair value	\$7.10	\$15.68	\$5.86	\$12.58

The risk-free interest rate is based on the Federal Reserve Bank's constant maturities daily interest rate in effect at the time of the option grant or ESPP offering date. For the valuation of our ESPP, we used risk-free interest rate ranges of 4.3% to 4.9% for the first six months of fiscal year 2006 and 2.4% to 3.1% for the first six months of fiscal year 2005.

The expected life of the options represents the period that we expect the stock-based awards will be outstanding and is determined based on historical experience of similar awards, considering contractual terms, exercise patterns, and vesting schedules. We are using a five-year expected life for our employees during fiscal year 2006. For options granted to executives, we will use a six-year expected life for executives because we determined that our executives, who have additional restrictions imposed by securities regulations regarding trading of their stock options, will likely hold on to their options for a longer period of time than other employees. Prior to fiscal year 2006, we valued all our stock options, for the purposes of pro forma disclosure in accordance with SFAS 123, by using a five-year expected life. The expected life used for our ESPP is based on the six-month purchase periods within each twenty-four-month offering period.

Our computation of expected volatility for both stock options and ESPP for the six-month period ended April 28, 2006, reflects a combination of historical and market-based implied volatility consistent with SFAS 123R and Staff Accounting Bulletin 107. We determined that the combination of historical and market-based implied volatility provides a more accurate reflection of our market conditions and is more representative of future stock price trends than employing solely historical volatility. Prior to fiscal year 2006, we calculated our volatility based solely on historical volatility in accordance with SFAS 123 for purposes of our pro forma information. For the valuation of our ESPP, we used volatility ranges of 30% to 46% for the first six months of fiscal year 2006 and 39% to 45% for the first six months of fiscal year 2005.

The expected dividend yield is calculated by taking the total expected annual dividend payout divided by the average stock price. For the valuation of our ESPP, we used a dividend yield range of less than 1% to 2.7% for the first six months of fiscal year 2006 and 1.5% to 2.2% for the first six months of fiscal year 2005.

Stock-based compensation expense recognized in the consolidated statement of operations in the second quarter of fiscal year 2006 reflects estimated forfeitures which are based on historical option forfeitures. In the pro forma information required under SFAS 123 for the periods prior to fiscal year 2006, we included forfeitures as they occurred.

Net cash proceeds from the exercise of stock options are approximately \$794,000 for the six-month period ended April 28, 2006, and approximately \$655,000 for the six-month period ended April 29, 2005. The net cash proceeds associated with our ESPP was \$1,590,000 for the six-month period ended April 28, 2006, and \$1,381,000 for the six-month period ended April 29, 2005. The income tax benefit realized from stock option exercises during the first six months of fiscal year 2006 was approximately \$304,000 and no income tax benefit was realized during the same period of fiscal year 2005. In accordance with SFAS 123R, we present excess tax benefits from the exercise of stock options, if any, as financing cash flows rather than operating cash flows.

Stock option activity for the six months ended April 28, 2006 is as follows:

	Shares	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term	Aggregate Intrinsic Value
Outstanding at October 31, 2005	1,479,304	\$17.32	—	—
Grants	7,000	\$18.66	—	—
Exercised	(74,126)	\$10.71	—	—
Forfeitures or expirations	(12,133)	\$22.33	—	—
Outstanding at April 28, 2006	1,400,045	\$17.63	6.37	\$5,420,271

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Exercisable at April 28, 2006	780,415	\$13.88	5.97	\$4,830,935
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The aggregate intrinsic value in the table above represents the total pre-tax value (that is, the difference between our closing stock price on the last trading day of the first six months of fiscal year 2006 and the exercise price for those options in the money, multiplied by the number of shares) that would have been received by the option holders had all option holders exercised their options on April 28, 2006. This amount changes based on the fair market value of our stock. Total intrinsic value of options exercised is approximately \$792,000 for the six months ended April 28, 2006, and \$494,000 for the six months ended April 29, 2005. Total fair value of options vested is \$1,917,000 for the six months ended April 28, 2006, and \$1,613,000 for the six months ended April 29, 2005.

As of April 28, 2006, \$6,598,000 of total unrecognized compensation costs related to unvested stock options is expected to be recognized over a weighted average period of 3.1 years. Our ESPP unrecognized compensation cost is \$902,000 and is expected to be recognized over a weighted average period of 1.0 years.

The following table summarizes our restricted stock grant activity for the six months ended April 28, 2006.

Nonvested Shares	Shares	Weighted Average Grant Date Fair Value Per Share
Nonvested at October 31, 2005	0	
Grants	61,875	\$19.58
Vested	0	
Forfeitures	0	
Nonvested at April 28, 2006	61,875	\$19.58

Our unrecognized compensation cost related to nonvested (restricted) stock is \$1,197,000, and is expected to be recognized over a weighted average period of 4.0 years.

### Recent Accounting Pronouncements

In November 2004, the Financial Accounting Standards Board (FASB) issued SFAS 151, *Inventory Costs*. SFAS 151 amends ARB 43, Chapter 4, "Inventory Pricing." This statement clarifies the accounting for abnormal amounts of idle facility expense, freight, handling costs, and wasted material, and requires those items be recognized as current period charges regardless of whether they meet the criterion of "so abnormal." In addition, this statement requires that allocation of fixed production overheads to the costs of conversion be based on the normal capacity of the production facilities. We adopted SFAS 151 at the beginning of fiscal year 2006. The adoption of SFAS 151 did not have a material impact on the Company's financial statements.

On June 7, 2005, the FASB issued SFAS 154, *Accounting Changes and Error Corrections*, a replacement of APB Opinion No. 20, *Accounting Changes*, and Statement No. 3, *Reporting Accounting Changes in Interim Financial Statements*. SFAS 154 changes the requirements for the accounting for and reporting of a change in accounting principle. Previously, most voluntary changes in accounting principles were required recognition via a cumulative effect adjustment within net income of the period of the change. SFAS 154 requires retrospective application to prior periods' financial statements, unless it is impracticable to determine either the period-specific effects or the cumulative effect of the change. SFAS 154 is effective for accounting changes made in fiscal years beginning after December 15, 2005; however, SFAS 154 does not change the transition provisions of any existing accounting pronouncements. We do not believe adoption of SFAS 154 will have a material effect on our financial position, results of operations, or cash flows.

On January 28, 2006, we adopted the FASB Staff Positions FAS 115-1 and FAS 124-1, *The Meaning of Other-Than-Temporary Impairment and its Application to Certain Investments (the FSPs)*. The FSPs were issued on November 3, 2005 and nullified certain provisions of EITF No. 03-01 related to evaluating an other-than-temporary impairment and clarified the accounting policies set forth in FASB Statement No. 115, *Accounting for Certain Investments in Debt and Equity Securities*. We do not believe adoption of FAS 115-1 and FAS 124-1 will have a material effect on our financial position, results of operations, or cash flows.

On February 16, 2006 the FASB issued SFAS 155, *Accounting for Certain Hybrid Instruments*, which amends SFAS 133, *Accounting for Derivative Instruments and Hedging Activities*, and SFAS 140, *Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities*. SFAS 155 allows financial instruments that have embedded derivatives to be accounted for as a whole (eliminating the need to bifurcate the derivative from its host) if the holder elects to account for the whole instrument on a fair value basis. SFAS 155 also clarifies and amends certain other provisions of SFAS 133 and SFAS 140. This statement is effective for all financial instruments acquired or issued in fiscal



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years beginning after September 15, 2006. We do not expect our adoption of this new standard to have a material impact on our financial position, results of operations, or cash flows.

### Note 2: Inventory

Inventories are stated at cost and consisted of the following (in thousands):

	April 28, 2006	October 31, 2005
Raw materials	\$532	\$453
Work in process	10,226	4,647
Finished goods	178	169
	-----	-----
	\$10,936	\$5,269

At April 28, 2006, the unfavorable inventoried indirect rate variance increased work in process by approximately \$3,867,000. At April 29, 2005, the unfavorable inventoried indirect rate variance increased work in process by approximately \$4,064,000.

Inventory activities during the first six months of fiscal year 2006 and fiscal year 2005 included disposals of approximately \$13,000 and \$150,000, respectively.

### Note 3: Business Combination

In order to diversify into phenomenological sensor signal processing, we acquired DTI on July 1, 2005. DTI was a privately held California corporation headquartered in Torrance, California with offices in Anaheim, California and Arlington, Virginia. DTI provided advanced sensor and signal processing products for advanced space-based, airborne, terrestrial, and undersea sensor technologies. The combined company provides signal processing products and services in support of intelligence, surveillance, and reconnaissance (ISR) for global security.

The purchase price of the acquisition was approximately \$30.1 million in cash, plus an estimated \$1.3 million in transaction costs. We did not assume any options of DTI. Approximately 10% of the merger consideration that would otherwise be distributed to the holders of DTI's securities at the closing of the acquisition were deposited into an escrow account for 12 months following the closing for the purpose of providing a fund against which we may assert claims for damages, if any, based on breaches of the representations and warranties made by DTI in the agreement. The acquisition was accounted for under the purchase method of accounting and, accordingly, the results of operations of the acquisition are included in the accompanying statement of operations since the acquisition date. We funded the purchase price from our current investments and from a \$10 million term loan from Wells Fargo Bank.

The aggregate purchase price for the acquisition was preliminarily allocated to the tangible and identifiable intangible assets acquired and liabilities assumed based on their estimated fair values at the date of acquisition. The fair values assigned to the intangible assets acquired are based on estimates, assumptions, and other information compiled by management, including independent valuations that utilize established valuation techniques. The amounts allocated to customer relationships and existing technology were determined based on discounted cash flows. Goodwill represents the excess of purchase consideration over the fair value of the assets, including identifiable intangible assets, net of the fair value of liabilities assumed. Intangible assets related to the acquisition, excluding goodwill, are amortized to expense on a straight-line basis over their estimated useful lives ranging from 1 to 18 years.

Our deferred net tax assets increased in connection with the purchase of DTI. See Note 8: "Provision for Income Taxes" for further details.

The aggregate preliminary purchase price for the acquisition consists of the following (in thousands):

Cash	\$30,074
	1,339
Transaction costs	-----
	\$31,413
Total preliminary purchase price	=====

We allocated the aggregate preliminary purchase price for the acquisition to the tangible and identifiable intangible assets acquired and liabilities assumed based on their estimated fair values at the date of acquisition as follows (in thousands):



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Cash and cash equivalents	\$2,136
Accounts receivable	2,352
Income tax receivable	1,160
Deferred tax asset	179
Other current assets	231
Property and equipment	715
Long-term deferred tax assets	5,804
Other non-current assets	81
Accounts payable	(327)
Long-term deferred tax liabilities	(1,068)
Other accrued liabilities	(1,845)
Net tangible assets assumed	9,418
Amortizable intangible assets:	
Customer relationships	1,720
Existing technology	340
Non-compete agreements	60
Patent	60
Trade name	90
Total amortizable intangible assets	2,270
Goodwill	19,725
Total purchase price	\$31,413

See Note 5: "Borrowing Arrangements" for information regarding the financing of the transaction.

#### Note 4: Goodwill and Intangible Assets

**Goodwill.** Under SFAS 142, *Goodwill and Other Intangible Assets*, goodwill is not subject to amortization. Rather, we evaluate goodwill for impairment at least annually or more frequently if events and changes in circumstances suggest that the carrying amount may not be recoverable. No impairment was recognized in the first six months of fiscal year 2006.

**Intangible assets.** Information on our identifiable intangible assets that are subject to amortization is presented in the table below (in thousands).

			April 28, 2006	
	Useful Life	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Identifiable intangible assets that are subject to amortization:				
Customer relationships	3 years	\$1,720	\$(478)	\$1,242
Existing technology	5 years	340	(56)	284

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Non-compete agreements	1 year	60	(50)	10
Patent	18 years	60	(3)	57
Trade name	1 year	90	(75)	15
		-----	-----	-----
Total		\$2,270	\$(662)	\$1,608

All of our acquired identifiable intangible assets are subject to amortization and have approximate original estimated useful lives as noted in the table above.

As of April 28, 2006, the estimated future amortization expense for acquired identifiable intangible assets is as follows (in thousands):

Fiscal Years	
2006	\$348
2007	645
2008	453
2009	71
	91
2010–2023	-----
Total	\$1,608

**Note 5: Borrowing Arrangements**

**Revolving line of credit.** At April 28, 2006, we had a revolving line of credit (Line of Credit) under which Wells Fargo Bank, National Association (the Bank), will advance funds to us from time to time up to and including March 1, 2007, not to exceed at any time the maximum principal amount of \$3 million. At April 28, 2006, we had three standby letters of credit under the Line of Credit totaling approximately \$1,750,000. One letter of credit, related to our facilities lease, had an outstanding balance of approximately \$1,220,000 at April 28, 2006 and October 31, 2005. The second letter of credit was a requirement of our workers compensation insurance, and had an outstanding balance of approximately \$150,000 at April 28, 2006 and October 31, 2005. The third letter of credit, obtained in May 2005 as a requirement of one of our customers, had an outstanding balance of approximately \$380,000 at April 28, 2006 and October 31, 2005.

Borrowings under the Line of Credit bear interest at the Bank's reference rate (7.75% at April 28, 2006), and interest on those borrowings are payable monthly. No fees were associated with the unused portion of the committed amount. As security for its indebtedness under the Line of Credit, we have granted to the Bank a security interest in our cash and marketable securities maintained with an affiliate of the Bank.

**Term loan and interest rate swap.** Effective July 1, 2005, and in connection with the acquisition of DTI, we entered into a term loan with the Bank in the principal amount of \$10 million, plus interest, the proceeds of which were used for acquisition financing (Term Loan). The Term Loan bears interest at a fixed rate per annum equal to 1.750% above the London Inter-Bank Offered Rate (LIBOR) (4.83% during the April 2006 calculation period). The Term Loan is for a seven-year term ending on July 1, 2012. Payment terms of the loan agreement include monthly payments of principal and interest.

As security for our indebtedness under the Term Loan, we have granted to the Bank a security interest in our accounts receivable, general intangibles, inventory, and equipment.

We are required to maintain certain financial covenants setting forth minimum ratios for quick ratio and fixed charge coverage and maximum ratios for total liabilities to tangible net worth. As of April 28, 2006, we were in compliance with these covenants.

The following table sets forth our scheduled debt maturities under the Term Loan (in thousands).

Year	Debt Maturities
2006	\$1,429
2007	1,429

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2008	1,429
2009	1,429
Thereafter	3,213 -----
Total	\$8,929 =====

We are exposed to market risk from changes in interest rates on the Term Loan and manage this exposure through the use of derivatives and other strategies. A derivative contract references an underlying variable, such as an interest rate index, a foreign currency exchange rate, or a commodity value. The payment, or settlement, obligation arising from a derivative is calculated by applying the terms of the contract to changes in the value of the reference variable during a calculation period. Derivatives may trade on exchanges, such as most common stock options, or may be private (over-the-counter) arrangements between two parties.

We entered into an over-the-counter interest rate swap contract with Wells Fargo Bank designed to operate as a cash flow hedge for its Term Loan. Effectively, the swap converts the floating interest rate of the Term Loan into a predicable fixed rate. The use of an interest rate swap in this situation locks the variable interest expense associated with the debt and results in a fixed interest expense that is typically immune from subsequent market rate fluctuations. Since there is a high correlation between the hedged instrument (the swap) and the underlying interest variable, gains and losses on the interest exposure are usually eliminated by offsetting changes in the swap, making it a highly effective instrument in hedging variability.

At April 28, 2006, we had one interest rate swap agreement outstanding with Wells Fargo Bank designated as a cash flow hedge under SFAS 133, *Accounting for Derivative Instruments and Hedging Activities*, related to the Company's \$10 million Term Loan. No losses on the agreement due to counterparty credit issues are anticipated. Under this swap, we pay a fixed interest rate of 4.33% over the seven-year term of the loan and receive an average floating rate of LIBOR on the notional amount of the loan. Thus, the Company exchanged a variable rate obligation for a fixed interest obligation, resulting in an effective interest rate of 6.08%. The effective portion of the cash flow hedge is reported as other comprehensive income and reclassified into earnings in the same period during which the hedged transaction affects earnings. At April 28, 2006, the effective portion of the hedge was a deferred gain, net of taxes, of approximately \$120,000. Over the next twelve months, we expect to reclassify approximately \$68,000 of the gain to interest expense as principle on the Term Loan is repaid and the related swap-instrument notional amount is reduced.

The ineffective portion of the gain or loss, if there is one, would impact earnings as it occurs. There is no ineffective portion of the outstanding swap as of April 28, 2006.

We assess effectiveness of the hedge instrument regularly.

## Note 6: Contractual Obligations

The following table sets forth our contractual obligations as of April 28, 2006 (in thousands).

	Payments Due by Period				
	Total	Less than 1 Year	1-3 Years	3-5 Years	More than 5 Years
Operating lease obligations	\$46,637	\$6,905	\$13,510	\$12,617	\$13,605
Loan obligations	8,928	1,429	2,857	2,857	1,785
Purchase obligations	4,702 -----	4,702 -----	— -----	— -----	— -----
Total	\$60,267 =====	\$13,036 =====	\$16,367 =====	\$15,474 =====	\$15,390 =====

Our operating lease obligations include non-cancelable lease agreements for our facilities, which expire at various dates between fiscal years 2007 and 2016. Certain leases contain escalation clauses and requirements for the payment of property taxes, insurance, and maintenance expenses. During the second quarter of fiscal year 2006, we entered into two new facility lease agreements. One lease is for our office in Maryland and the other is for our new location in Florida.

In addition, our operating lease obligations included a lease for software, which was entered into during the second quarter of fiscal year 2006.

## Note 7: Segment Reporting

We have reviewed our business operations and determined that we operate in a single homogeneous business segment. We sell similar products and services with similar economic characteristics to similar classes of customers, primarily to the United States Government, its agencies, or prime contractors for the United States Government. The technologies and the operations of our groups and divisions are highly integrated. Revenues and costs are reviewed monthly by management on an individual contract basis as a single business segment.

## Note 8: Provision for Income Taxes

Our provision for income taxes for the second quarter and first six months of fiscal year 2006 was approximately \$1,266,000 and \$2,502,000, respectively, with an estimated annual effective tax rate of 47%. Our provision for income taxes for the same periods of fiscal year 2005 was approximately \$1,617,000 and \$3,025,000, respectively, with an annual effective tax rate of 41%. Our estimated annual effective tax rate at April 28, 2006, was higher than our effective tax rate at April 29, 2005 due to non-deductible stock compensation expense.

## Note 9: Contingencies

**Product warranties.** Our products, including associated firmware and software, are warranted against defective workmanship and materials for a period of one year from the date of acceptance by the original purchaser. Warranty costs in the second quarter and first six months of fiscal year 2006 were approximately \$54,000 and \$141,000 respectively. For the same periods of fiscal year 2005 warranty costs were approximately \$110,000 and \$140,000, respectively.

**Guarantees.** From time to time, we enter into certain types of contracts that contingently require us to indemnify parties against third-party claims. These contracts primarily relate to (i) certain real estate leases under which we may be required to indemnify property owners for environmental and other liabilities, and other claims arising from our use of the applicable premises; and (ii) certain agreements with our officers, directors, and employees under which we may be required to indemnify such persons for liabilities arising out of their employment relationship. The terms of such obligations vary. Generally, a maximum obligation is not explicitly stated. Because the obligated amounts of these types of agreements often are not explicitly stated, the overall maximum amount of the obligations cannot be reasonably estimated. Historically, we have not been obligated to make significant payments for these obligations, and no liabilities have been recorded for these obligations on the balance sheets as of April 28, 2006 or October 31, 2005.

**Legal proceedings.** On March 11 and July 19, 2005, purported securities class action complaints were filed in the United States District Court, Northern District of California. The cases were considered as *In re Applied Signal Technology Inc. Securities Litigation*, Master File No. 4:05-cv-1027 (SBA). The amended consolidated complaint is brought on behalf of a putative class of persons who purchased our Company's securities during a class period of August 24, 2004 through February 22, 2005. The complaints name us, our Chief Executive Officer, and our Chief Financial Officer as defendants, and allege that false and misleading statements regarding us were issued during the class period. On February 8, 2006, the Court dismissed the case with prejudice and entered judgment in defendants' favor. Plaintiffs appealed the judgment of dismissal on March 23, 2006; any future unfavorable outcome of the litigation could have an adverse impact on our business, financial condition, and results of operation. At this time we cannot estimate the amount of possible loss or range of loss that might be incurred as a result of this proceeding.

## Item 2: Management's Discussion and Analysis of Financial Condition and Results of Operations

The following information should be read in conjunction with the attached condensed financial statements and notes thereto, as well as our Annual Report on Form 10-K for the year ended October 31, 2005.

This quarterly report on Form 10-Q contains forward-looking statements made pursuant to the provisions of Section 21E of the Securities Exchange Act of 1934. These forward-looking statements are based on management's current expectations and beliefs, including estimates and projections about our industry. Forward-looking statements may be identified by the use of terms such as "anticipates," "expects," "intends," "plans," "seeks," "estimates," "believes," and similar expressions, although some forward-looking statements are expressed differently. Statements concerning financial position, business strategy, and plans or objectives for future operations are forward-looking statements. These statements are not guarantees of future performance and are subject to certain risks, uncertainties, and assumptions that are difficult to predict and may cause actual results to differ materially from management's current expectations. Such risks and uncertainties include those set forth in this document under "Summary of Business Considerations and Certain Factors that May Affect Future Operating Results and/or Stock Price." The forward-looking statements in this report speak only as of the time they are made and do not necessarily reflect management's outlook at any other point in time. We undertake no obligation to update publicly any forward-looking statements, whether as a result of new information, future events, or for any other reason. However, readers should carefully review the risk factors set forth in other reports or documents we file from time to time with the Securities and Exchange Commission (SEC).

## Description of Business

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We provide advanced digital signal processing products, systems, and services in support of intelligence, surveillance, and reconnaissance (ISR) for global security. We provide processing of both man-made and non-man-made signals. The man-made signal processing is for both communications intelligence (COMINT) and electronic intelligence (ELINT). The non-man-made signal processing is applied to phenomenological sensors. Our primary customer is the United States Government. We develop and manufacture equipment for both the collection and processing of signals.

COMINT derives intelligence from telecommunications signals. Our COMINT signal collection equipment consists of sophisticated receivers that scan through potentially thousands of cellular telephone, microwave, ship-to-shore, and military transmissions in the radio frequency (RF) spectrum with the goal of collecting certain specific signals. Our COMINT signal processing equipment uses advanced software and hardware to evaluate characteristics of the collected signals and selects those most likely to contain relevant information. At inception, our efforts were primarily focused on COMINT processing equipment. Over time, we have broadened our scope to add specialized collection equipment and complete signal processing systems and related services.

ELINT derives intelligence from signals associated with weapons systems. Our investment in ELINT is directed toward the development of equipment for the collection and processing of weapons systems signals. This equipment will be able to scan the radar bands associated with weapons systems and determine the type of system and its precise location for battlefield characterization and force protection. The equipment will also analyze the command and control signals associated with these weapons systems to provide information about battlefield readiness.

In the current counterterrorism campaign, the United States Government has determined that phenomenological information is very important in aiding the detection and location of terrorist activities. Sensor detection of abnormal physical phenomena can provide an indication of activities that can be of concern to global security. Examples of these phenomena are detection of chemicals that might be used for explosive devices or the detection of sub-terrain ferrous materials that might indicate an underground facility for weapon manufacturing.

As a result, the United States Government is investing to add phenomenological sensor data to other forms of intelligence (for example, COMINT) in order to obtain a more complete information set regarding possible terrorist activities. With the acquisition of DTI on July 1, 2005, we now have a phenomenological sensor processing capability and we are currently investing to transition some of the acquired technological sensor processing solutions into fieldable solutions.

Substantially, all of our revenues were from contracts with the United States Government, its agencies, or prime contractors for the United States Government.

On July 1, 2005, we acquired DTI, a privately held company headquartered in Torrance, California with offices in Anaheim, California and Arlington, Virginia. DTI was a provider of advanced sensor signal processing solutions for advanced space-based, airborne, terrestrial, and undersea sensor technologies. In accordance with SFAS 141, *Business Combinations*, the acquisition was accounted for as a purchase transaction, and we have included in our results of operations the results of DTI subsequent to the acquisition date. For disclosures regarding the acquisition of DTI, please refer to "Notes to Condensed Consolidated Financial Statements, Note 3: Business Combination" and Note 5: "Borrowing Arrangements."

### Critical Accounting Policies and Estimates

**General.** Our discussion and analysis of our financial condition and results of operations are based upon our condensed consolidated financial statements. These condensed consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States, which require management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ materially from those estimates. We believe that the estimates, assumptions, and judgments involved in the accounting policies described below have the greatest potential impact on our condensed consolidated financial statements and, therefore, consider these to be critical accounting policies. See "Notes to Condensed Consolidated Financial Statements, Note 1: Summary of Significant Accounting Policies," included elsewhere in this report for more information about these critical accounting policies, as well as descriptions of other significant accounting policies.

**Revenues and cost recognition.** The majority of our contracts with the United States Government, its agencies, or prime contractors with the United States Government are accounted for in accordance with the AICPA Statement of Opinion 81-1, *Accounting for Performance of Construction-Type and Production-Type Contracts* (SOP 81-1). These contracts are executed by using written contractual arrangements, most of which require us to design, develop, manufacture, and/or modify our complex products, and perform related services according to specifications provided by the customer. A limited number of standalone software contracts are recognized in accordance with the AICPA Statement of Opinion 97-2, *Software Revenue Recognition*.

We account for cost-reimbursement contracts by charging actual labor, materials, and other direct costs, plus estimated indirect costs of operations as incurred (incurred costs), including overhead, research and development, and general and administrative expenses. Indirect costs are not applied to subcontract costs that are in excess of \$250,000 and that meet certain other predetermined criteria. We recognize contract revenues and profits on cost-reimbursement contracts by applying an estimated fee rate to all incurred costs on an individual contract basis. Fee

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calculations are based on either negotiated fee amounts or management's assessment of the fee amounts that are likely to be earned.

Our policy for recognizing interim fees on our cost-plus-award-fee contracts is based on management's assessment as to the likelihood that the award fee or an incremental portion of the award fee will be earned, on a contract-by-contract basis. Management's assessments are based on numerous factors, including contract terms, nature of the work to be performed, our relationship and history with the customer, our history with similar types of projects, and our current and anticipated performance on the specific contract. No award fee is recognized until management determines that it is probable that an award fee or a portion thereof will be earned. Historically, management's estimates have generally been consistent with actual fees awarded. However, changes in facts and circumstances could arise within an award fee period causing management to either lower or raise the award fee estimate in the period in which the changes occur.

Our engineering services contracts are typically performed on a level-of-effort basis. Revenue is recognized in accordance with our policy regarding cost-reimbursement contracts.

We account for fixed-price contracts by using the percentage-of-completion method. Under this method, labor, materials, and other direct costs, plus estimated indirect costs of operations are charged as incurred (incurred costs). A portion of the contract revenue, based on estimated profits and the degree of completion of the contract as measured by a comparison of the actual and estimated costs, is recognized as revenue each period.

For those contracts in which all of the terms have not yet been finalized, revenue does not include an estimated fee rate on cost.

Management reviews contract performance, costs incurred, and estimated completion costs regularly. Revenues and profits are adjusted on all contracts in the period in which changes, including anticipated losses, become determinable. Unexpected increases in the cost to develop or manufacture a product, whether due to inaccurate estimates in the bidding process, unanticipated increases in material costs, inefficiencies, or other factors, are borne by us on fixed-price contracts, and could have a materially adverse effect on results of operations and financial condition. Unexpected cost increases in cost-reimbursement contracts may be borne by us for purposes of maintaining customer relationships. Historically, the effect on operating results and financial condition from cost-reimbursement losses has been minimal.

**Indirect rate variance adjustment to operations.** We record contract revenues and costs of operations for interim reporting purposes based on annual targeted indirect rates. During our interim reporting periods, variances may accumulate between the actual indirect rates and the annual targeted rates. Timing-related indirect spending variances are removed from contract costs, research and development, and general and administrative expenses, and are included in inventory as part of work in process during these interim reporting periods. These rates are reviewed regularly, and we record adjustments for any material, permanent variances in the period they become determinable. We believe that this estimate is the preferred practice used within our industry. At year-end, the revenues and costs are adjusted for actual indirect rates.

Our accounting policy for recording the indirect rate variance is based on management's belief that variances accumulated during interim reporting periods will be absorbed by expected contract activities during the remainder of the year. We consider the rate variance to be unfavorable when our actual indirect rates are greater than our annual targeted rates. In contrast, a favorable rate variance occurs when our actual indirect rates are lower than our annual targeted rates. During interim reporting periods, unfavorable rate variances are recorded as reductions to operating expenses and increases to work-in-process inventory. Favorable rate variances are recorded as increases to operating expenses and decreases to work-in-process inventory.

If we anticipate that actual indirect rates will be different than planned levels, there are alternatives we can utilize to reduce the variance: we can adjust some of our planned indirect spending during the year; request a modification of our billing rates to our customers through the Defense Contract Audit Agency, in accordance with Federal Acquisition Regulations; or record adjustments to expense based on estimates of future contract activities for the remainder of the fiscal year.

If our rate variance is unfavorable, the modification of our billing rates will likely increase revenue and operating expenses, and decrease inventory. Fee percentages on fixed-price and cost-reimbursement contracts will generally decline as a result of any increase to indirect costs. If our rate variance is favorable, the modification of our billing rates will decrease revenue and operating expenses, and increase inventory. In this event, fee percentages on fixed-price contracts will generally increase. Fee percentages on cost-reimbursable contracts will generally be unaffected as a result of any reduction to indirect costs, due to the fact that programs will typically expend all of the funds available. Any impact on operating income, however, depends on a number of other factors, including mix of contract types, contract terms, anticipated performance on specific contracts, and anticipated changes in inventory.

At April 28, 2006, the unfavorable inventoried indirect variance was approximately \$3,867,000. At April 29, 2005, the unfavorable inventoried indirect rate variance was approximately \$4,064,000.

**Income taxes.** Our income tax expense at interim reporting periods is based on our estimated annual effective tax rate and any discrete items that occur during any interim period. This estimated tax rate is calculated based on the projected net income at the end of the fiscal year, and is reviewed at each reporting period. At the end of the fiscal year, income tax expense is adjusted for actual results. Our effective tax rate can differ

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from the statutory rate as a result of such expected benefits as R&D credits and the reversals of valuation allowances. In addition, our effective tax rate can be greater than the statutory rate due to the non-tax-deductible nature of certain type of stock-based compensation expense. Please refer to "Notes to Condensed Consolidated Financial Statements, Note 8: Provision for Income Taxes" for the current year effective tax rate.

**Allowance for bad debt.** Since the majority of our revenues are generated from the United States Government, its agencies, or prime contractors for the United States Government, we regard the credit risk of our business to be minimal. We record allowances for bad debt as a reduction to accounts receivable and an increase to bad debt expense. These allowances are recorded in the period a specific collection problem is identified. Once the receivable is deemed uncollectible, the allowance is reversed and the receivable is written off.

At April 28, 2006 and October 31, 2005, there was no balance for the allowance for doubtful accounts. There was no charge to bad debt expense during the first quarter of fiscal year 2006 or fiscal year 2005.

**Inventory valuation and disposal.** We provide advanced digital signal processing products and systems to the United States Government. Typical life cycles of our equipment are eight to ten years or more. In addition, we maintain spare parts in order to repair the equipment. We evaluate our inventory quarterly, at interim reporting periods, and assess our ability to sell our equipment, which includes raw materials. Historically, we have sold our inventory at full cost so there is limited decrement in valuation. If it is determined that a product has reached the end of its life cycle or there is no longer a need for certain equipment, the remaining inventory is disposed. Historically, we dispose of inventory at approximately the same time that the reduction to inventory is recorded and we do not hold inventory reserves.

The charges associated with disposed work in process and finished goods are included in contract costs in our statement of operations. Disposed raw material represents a minor amount and is included in general and administrative expenses on the statement of operations due to the fact that raw materials could be used in a variety of situations other than contract costs, including R&D.

We disposed of approximately \$13,000 of inventory during the first six months of fiscal year 2006. During the same period of fiscal year 2005, we disposed of \$150,000 of obsolete products. The disposed items included units in various stages of completion.

**Price redetermination.** As a government contractor, we are subject to price redetermination on certain fixed-price contracts if it is determined that we did not price our products and services consistent with the requirements of the Federal Acquisition Regulations. During the first six months of fiscal years 2006 and 2005, we did not incur any price redeterminations on any of our contracts.

**Goodwill valuation.** We test goodwill for possible impairment on an annual basis and at any other time if events occur or circumstances indicate that the current carrying amount of goodwill may not be recoverable. Circumstances that could trigger an impairment test include, but are not limited to, a significant adverse change in the business climate or legal factors, an adverse action or assessment by a regulator, unanticipated competition, and loss of key personnel.

We compare the fair value of the reporting unit with the carrying amount of the reporting unit. We consider AST to be one reporting unit. For further information, see "Notes to Condensed Consolidated Financial Statements, Note 7: Segment Reporting." To perform the goodwill impairment test, we determine the fair value of its reporting unit and compare the fair value to the reporting unit's carrying value. To the extent, the reporting unit's carrying value exceeds its fair value, we must perform the second step of the impairment test. In the second step, we must compare the implied fair value of the reporting unit's goodwill to its carrying amount. If no impairment exists under step one, then step two is not necessary.

No indicators of impairment existed at April 28, 2006.

**Long-lived asset valuation (property, plant and equipment, and intangible assets).** We will test long-lived assets or asset groups for recoverability when events or changes in circumstances indicate that their carrying amount may not be recoverable. Circumstances that could trigger a review include, but are not limited to, significant decreases in the market price of the asset, significant adverse changes in the business climate or legal factors, accumulation of costs significantly in excess of the amount originally expected for the acquisition or construction of the asset, current period cash flow or operating losses combined with a history of losses or a forecast of continuing losses associated with the use of the asset, and current expectation that the asset will more likely than not be sold or disposed of significantly before the end of its estimated useful life.

Recoverability will be assessed based on the carrying amount of the asset and its fair value, which is generally determined based on the sum of the undiscounted cash flows expected to result from the use and the eventual disposal of the asset. An impairment loss is recognized when the carrying amount is not recoverable and exceeds fair value.

No indicators of impairment existed at April 28, 2006.

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**Share-based payment.** We adopted SFAS 123 (revised 2004), *Share-Based Payment* (SFAS 123R), effective November 1, 2005. SFAS 123R is a new and very complex accounting standard, the application of which requires significant judgment and the use of estimates, particularly surrounding Black-Scholes assumptions such as stock price volatility and expected option lives, as well as expected option forfeiture rates to value equity-based compensation.

We elected to use the modified prospective transition method as permitted by SFAS 123R, and therefore have not restated our financial results for prior periods. Under this transition method, the provisions of SFAS 123R apply to all awards granted or modified under our stock option plans and ESPP after the date of adoption. In addition, the unrecognized expense of awards not yet vested at the date of adoption shall be recognized in net income in the periods after the date of adoption by using the same valuation method (that is, Black-Scholes) and assumptions determined under the original provisions of SFAS 123, *Accounting for Stock-Based Compensation*, as disclosed in our previous filings. Accordingly, stock-based compensation expense for the three-month and six-month periods ending April 28, 2006 includes compensation expense for all stock-based compensation awards granted prior to, but not yet vested, as of November 1, 2005, based on the grant-date fair value estimated in accordance with the original provisions of SFAS 123. Stock-based compensation expense for all stock-based compensation awards granted subsequent to November 1, 2005, was based on the grant-date fair value estimated in accordance with the provisions of SFAS 123R. We recognize the stock compensation expense over the requisite service period of the individual grantees, which generally equals the vesting period.

Assumptions used in the Black-Scholes model are the expected stock price volatility over the expected life of the awards, the projected employee stock options life, the expected dividend yield, and the risk-free interest rate. Changes in the subjective assumptions can materially affect the estimated value of the stock awards. Historical volatility, market-base implied volatility, or a combination of both will be considered when projecting the expected stock price volatility for both stock options and ESPP. For stock options in fiscal year 2006, we are using a six-year expected life for executives and five years for employees. The expected life of the options was estimated based on historical observations of our stock, considering the average years of options actually exercised, vested and cancelled options, and outstanding and exercisable options. Due to our executives having additional restrictions on when they can trade their stock options, we believe they will likely hold on to their options for a longer period of time. At least once a year, we will assess the exercise behavior and determine if our current expected life assumption needs to change. The expected life used for our ESPP is based on the six-month purchase periods within each twenty-four-month offering period. The risk-free interest rate is based on the Federal Reserve Bank's constant maturities daily interest rate in effect at the time of the option grant or ESPP offering date. The expected dividend yield for both stock options and ESPP is calculated by taking the total expected annual dividend payout divided by the average stock price per share.

### Overview

We believe that there continues to be an interest in ISR by the United States Government to respond to the threat of terrorist activities and the war against terrorism, and that we are well positioned to benefit from the spending that might result. We believe that our COMINT and sensor processing markets have strong growth potential and that our move into the ELINT marketplace provides us an opportunity to diversify into a complementary business. As a result of this anticipated growth, we expect to make additional investments of capital and management resources, including additional personnel and facilities.

We continue to focus our operations on assuring program performance, meeting staffing requirements, maintaining a competitive cost structure, and diversifying our marketplace. Our customers continue to come to us with new requirements for ISR solutions, weighted heavily toward new developments. A significant portion of our revenue continues to be generated by cost-reimbursable contracts that tend to be developmental in nature, and require highly specialized, technical skill sets. We believe that this trend will continue through the end of fiscal year 2006.

On November 1, 2005, we adopted the provisions of SFAS 123 (revised 2004), *Share-Based Payment* (SFAS 123R), requiring us to recognize expense related to the fair value of our stock-based compensation awards that are ultimately expected to vest.

The following table sets forth the total stock-based compensation expense resulting from stock options and ESPP included in our condensed consolidated statements of operations (in thousands, except share data).

	Three Months Ended April 28, 2006	Six Months Ended April 28, 2006
Contract costs	\$650	\$1,343
Research and development	63	138
	412	785
General and administrative	-----	-----
Stock-based compensation expense before income taxes	\$1,125	\$2,266
Stock-based compensation expense after income taxes	\$959	\$1,920



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As a result of adopting SFAS 123R, our income before income taxes and net income for the three months ended April 28, 2006 are lower by approximately \$1,125,000 and \$959,000, respectively, than if we had continued to account for our stock-based compensation expense under SFAS 123. Our income before income taxes and net income for the six months ended April 28, 2006 are lower by approximately \$2,266,000 and \$1,920,000, respectively. In addition, basic and diluted net income per share for the three months ended April 28, 2006 were reduced by approximately \$0.08 and \$0.08 per share, respectively, as a result of adopting SFAS 123R. Basic and diluted net income per share for the six months ended April 28, 2006 are lower by approximately \$0.16 and \$0.16, respectively.

Please refer to "Notes to Condensed Consolidated Financial Statements, Note 1: Summary of Significant Accounting Policies, Stock-Based Compensation" for further information.

### Three and Six Months Ended April 28, 2006 Compared to Three and Six Months Ended April 29, 2005

**Revenues and backlog.** Revenues for the second quarter of fiscal year 2006 were approximately \$43,525,000, a 36% increase from revenues of approximately \$32,053,000 recorded in the second quarter of fiscal year 2005. Revenues for the first six months of fiscal year 2006 were approximately \$77,078,000, a 24% increase from revenues of approximately \$62,163,000 recognized during the same period of fiscal year 2005. The increase in revenues recorded during the second quarter and first six months of fiscal year 2006, when compared to the same period in fiscal year 2005, is primarily due to the timing of our contract activities.

New orders received during the second quarter of fiscal year 2006 were approximately \$24,332,000, an increase of 14% from approximately \$21,284,000 in new orders received during the same period of fiscal year 2005. New orders received during the first six months of fiscal year 2006 were approximately \$57,238,000, an increase of 77% from approximately \$32,410,000 in new orders received during the same period of fiscal year 2005. The significant change in new orders is primarily due to new orders received during the first quarter of 2006 for certain airborne signal intelligence requirements.

Our backlog consists of the uncompleted portions of existing contracts (excluding unexercised contract options). At April 28, 2006, ending backlog was approximately \$123,277,000, representing a 12% decrease from ending backlog of approximately \$140,193,000 at October 31, 2005. Reported backlog includes both funded and unfunded portions of contract values. There is no assurance or obligation that contracts will be fully funded. To the extent that contracts are not fully funded, there will be a reduction to backlog in a future period.

Our contracts can be divided into two major types: fixed price and cost reimbursement. Fixed-price contracts are typically characterized by negotiated prices for efforts that involve little or no development risk. Cost risks associated with building and delivering products under fixed-price contracts are borne solely by the contractor.

Cost-reimbursement contracts are characterized by negotiated target costs and fees, and are generally for engineering development work where there is a high degree of risk and uncertainty. Although risks of cost overruns associated with cost-reimbursement contracts are borne by the customer, we cannot exceed contract ceilings without the approval of our customer.

Cost-reimbursement contracts typically do not return as high a profit margin as fixed-price contracts, and accordingly, our profit margin will be affected by the mix of our orders by contract type. Six contracts represented an aggregate of 40% of revenues for the three-month and six-month periods ending April 28, 2006. Four contracts represented an aggregate of 49% and 52% of revenues for the three-month and six-month periods ending April 29, 2005, respectively. These contracts are all cost-reimbursement contracts. The following table represents our revenue concentration during the respective periods by contract type.

	—Three Months Ended—		—Six Months Ended—	
	April 28, 2006	April 29, 2005	April 28, 2006	April 29, 2005
Cost-reimbursement contracts	83%	80%	83%	79%
Fixed-price contracts	17%	20%	17%	21%

Cost-reimbursement contracts can include fixed fees, incentive fees, or award fees. In the case of cost-plus-fixed-fee contracts, the fee dollars are negotiated and fixed at the inception of the contract. Cost-plus-incentive-fee contracts include a negotiated fee that may be adjusted during the performance of the contract by a formula based on the relationship of total allowable costs to total target costs. Cost-plus-award-fee contracts can include fees consisting of a base amount that is fixed at the inception of the contract and an award amount that is earned in whole or in part during the performance of the contract based upon the evaluation of the customer.

**Contract costs.** Contract costs consist of direct costs incurred in the performance of the contract, including labor, materials, and estimated overhead costs. Contract costs were approximately \$29,253,000, or 67.2% of revenues, for the second quarter of fiscal year 2006 compared to

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approximately \$20,646,000, or 64.4% of revenues, for the same period of fiscal year 2005. Contract costs were approximately \$51,321,000, or 66.6% of revenues, for the first six months of fiscal year 2006 compared to approximately \$40,485,000, or 65.1% of revenues, for the same period of fiscal year 2005. Contract costs increased as a percentage of revenues during the second quarter and first six months of fiscal year 2006 primarily due to the impact of FAS 123R on reported expenses. Contract costs increased in absolute dollars during the second quarter and first six months of fiscal year 2006 compared to the same periods of fiscal year 2005 due to the increase in revenues as well as the impact of SFAS 123R on reported expenses.

**Research and development (R&D).** Company-directed investment in research and development consists of expenditures recoverable from customers through our billing rates. For interim reporting periods, R&D expenses include labor, materials, and estimated overhead costs. R&D expenses were approximately \$4,698,000, or 10.8% of revenues, for the second quarter of fiscal year 2006 compared to approximately \$3,139,000, or 9.8% of revenues, for the same period of fiscal year 2005. During the first six months of fiscal year 2006, R&D expenses were approximately \$8,287,000, or 10.8% of revenues, compared to approximately \$6,316,000, or 10.2% of revenues, incurred during the first six months of fiscal year 2005. R&D expenses were higher in absolute dollars and as percentage of revenues during the second quarter and first six months of fiscal year 2006 as a result of increased support for new and existing R&D projects.

**General and administrative.** General and administrative expenses include administrative salaries, costs related to marketing and proposal activities, costs associated with product warranties, and other administrative costs. We record general and administrative expenses based on annual targeted indirect rates applied to our quarterly revenue base for interim reporting periods. General and administrative expenses were approximately \$6,834,000, or 15.7% of revenues, for the second quarter of fiscal year 2006 compared to approximately \$4,541,000, or 14.2% of revenues, for the same period of fiscal year 2005. General and administrative expenses incurred during the first six months of fiscal year 2006 were approximately \$12,204,000, or 15.8% of revenues, compared to approximately \$8,363,000, or 13.5%, of revenues, incurred during the same period of fiscal year 2005. General and administrative expenses increased in absolute dollars and as a percentage of revenues as a result of additional personnel to support business growth, an increase in marketing and proposal expenditures, and the impact of SFAS 123R on reported expenses.

**Interest income.** Interest income for the second quarter of fiscal year 2006 was approximately \$229,000 compared to interest income of approximately \$254,000 for the second quarter of fiscal year 2005. Interest income recognized during the first six months of fiscal year 2006 was approximately \$405,000 compared to interest income of approximately \$454,000 during the first six months of fiscal year 2005. Interest income decreased during the second quarter and first six months of fiscal year 2006 due to lower investment balances at the beginning of fiscal year 2006 when compared to the beginning of fiscal year 2005.

**Interest expense.** Interest expense for the second quarter of fiscal year 2006 was approximately \$180,000 compared to approximately \$37,000 of interest expense in the second quarter of fiscal year 2005. Interest expense incurred during the first six months of fiscal year 2006 was approximately \$334,000 compared to interest expense of approximately \$74,000 during the first six months of fiscal year 2005. Interest expense increased in the second quarter and first six months of fiscal year 2006 primarily due to interest payments related to our \$10 million term loan entered into in connection with the acquisition of DTI during the third quarter of fiscal year 2005.

**Provision for income taxes.** Our provision for income taxes for the second quarter and first six months of fiscal year 2006 was approximately \$1,266,000 and \$2,502,000, respectively, with an estimated annual effective tax rate of 47%. Our provision for income taxes for the same periods of fiscal year 2005 was approximately \$1,617,000 and \$3,025,000, respectively, with an annual effective tax rate of 41%. Our estimated annual effective tax rate at April 28, 2006 was higher than our effective tax rate at April 29, 2005 due to non-deductible stock compensation expense.

### Analysis of Liquidity and Capital Resources

Our primary sources of liquidity during the first six months of fiscal year 2006 were cash flows generated from operations, the issuance of common stock through exercise of options granted under our employee stock option plans, and stock purchases under our ESPP.

**Net cash from operating activities.** Net cash from operating activities has varied significantly from quarter to quarter. These quarter-to-quarter variances are primarily the result of changes in net income and operating assets and liabilities. Operating activities provided cash of approximately \$4,130,000 and approximately \$10,855,000 during the first six months of fiscal years 2006 and 2005, respectively. Net income for the first six months of fiscal year 2006 was approximately \$2,835,000 compared to net income of approximately \$4,354,000 for the comparable period of fiscal year 2005. The decrease in net income is due to the impact of our stock-based compensation expense of approximately \$2,266,000. While the stock-based compensation expense materially impacted net income, it had no impact on operating cash.

Accounts receivable balances decreased during the first six months of fiscal year 2006 by approximately \$10,981,000, and decreased by approximately \$14,391,000 during the same period in fiscal year 2005. Accounts receivable balances decreased at a lower rate during the first six months of fiscal year 2006 due to an increase in revenues during the first six months of fiscal year 2006 as compared to the same period in fiscal year 2005.

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Cash used to support inventory, prepaid expenses, and other assets was approximately \$8,657,000 and \$5,441,000 during the first six months of fiscal years 2006 and 2005, respectively. The increase in cash used between the first six months of fiscal year 2006 and the first six months of fiscal year 2005 is primarily due to the increase in cash used for prepaid expenses such as our annual insurance renewal and computer repair and maintenance costs.

The change in accounts payable, taxes payable, and accrued liabilities balances resulted in a net decrease of approximately \$6,037,000 and approximately \$4,218,000 during the first six months of fiscal years 2006 and 2005, respectively. Accounts payable and other accrued liabilities decreased approximately \$4,857,000 during the first six months of fiscal year 2006 and decreased approximately \$2,613,000 during the same period in fiscal year 2005. Payments for fiscal year 2006 accounts payable accruals at October 31, 2005 were higher than fiscal year 2005 payments for accounts payable accruals at October 31, 2004. Accrued payroll liabilities decreased by approximately \$853,000 during the first six months of fiscal year 2006, and decreased approximately \$1,897,000 during the same period in fiscal year 2005. Employee bonuses accrued at October 31, 2005 and paid during the first quarter of fiscal year 2006 were less than the employee bonuses accrued at October 31, 2004 and paid during the first quarter of fiscal year 2005.

**Net cash from investing activities.** Investing activities provided cash of approximately \$2,420,000 and approximately \$4,716,000 during the first six months of fiscal years 2006 and 2005, respectively. The primary difference between fiscal years 2006 and 2005 was due to a decrease in the maturities of investment securities.

**Net cash from financing activities.** Financing activities used cash of approximately \$1,072,000 during the first six months of fiscal year 2006 and used cash of approximately \$785,000 during the same period in fiscal year 2005. The increase in cash used in financing activities between the first six months of fiscal years 2006 and 2005 is primarily due to principal payments of approximately \$715,000 made on our \$10 million term loan (entered into in connection with the acquisition of DTI during the third quarter of fiscal year 2005).

Cash is generated primarily from operating activities, employee stock activities, and investing activities. Our investment portfolio includes a variety of low-risk investments. We believe the primary risk to liquidity is the potential decrease in demand for our products and services. Historically, this demand has been influenced by the ISR needs of the United States Government.

We believe that the funds generated from operations, existing working capital, and the amount available under our existing line of credit will be sufficient to meet our cash needs for the next twelve months.

### Borrowing Arrangements

**Revolving line of credit.** At April 28, 2006, we had a revolving line of credit (Line of Credit) under which Wells Fargo Bank, National Association (the Bank) will advance funds to us from time to time up to and including March 1, 2007, not to exceed at any time the maximum principal amount of \$3 million. At April 28, 2006, we had three standby letters of credit under the Line of Credit totaling approximately \$1,750,000. One letter of credit, related to our facilities lease, had an outstanding balance of approximately \$1,220,000 at April 28, 2006 and October 31, 2005. The second letter of credit was a requirement of our workers compensation insurance, and the outstanding balance was approximately \$150,000 at April 28, 2006 and October 31, 2005. The third letter of credit, obtained in May 2005 as a requirement of one of our customers, had an outstanding balance of approximately \$380,000 at April 28, 2006 and October 31, 2005.

Borrowings under the Line of Credit bear interest at the Bank's reference rate (7.75% at April 28, 2006), and interest on those borrowings are payable monthly. No fees are associated with the unused portion of the committed amount. As security for its indebtedness under the Line of Credit, we have granted to the Bank a security interest in our cash and marketable securities maintained with an affiliate of the Bank.

**Term loan and interest rate swap.** Effective July 1, 2005, and in connection with the acquisition of DTI, we entered into a term loan with the Bank in the principal amount of \$10 million, plus interest, the proceeds of which were used for acquisition financing (Term Loan). The Term Loan bears interest at a fixed rate per annum equal to 1.750% above the London Inter-Bank Offered Rate (LIBOR) (4.83% during the April 2006 calculation period). Our Term Loan is for a seven-year term ending on July 1, 2012. Payment terms of the loan agreement include monthly payments of principal and interest.

As security for our indebtedness under the Term Loan, we have granted to the Bank a security interest in our accounts receivable, general intangibles, inventory, and equipment.

We are required to maintain certain financial covenants setting forth minimum ratios for quick ratio and fixed charge coverage and maximum ratios for total liabilities to tangible net worth. As of April 28, 2006, we were in compliance with these covenants.

We are exposed to market risk from changes in interest rates on the Term Loan, and manage this exposure through the use of an interest rate swap agreement with the Bank. By locking in a fixed rate for the entire term of the loan, this strategy decreases the variability of earnings and cash flows resulting from interest rate fluctuations and lowers the overall borrowing costs should interest rates rise. The interest rate swap is

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considered a cash flow hedge and is governed by SFAS 133, *Accounting for Derivative Instruments and Hedging Activities* (SFAS 133).

At April 28, 2006, we had one interest rate swap agreement outstanding with the Bank related to the Company's \$10 million Term Loan. No losses on the agreement due to counterparty credit issues are anticipated. Under this swap, we pay a fixed interest rate of 4.33% over the seven-year term of the loan and receive an average floating rate of LIBOR on the notional amount of the loan. The combined interest amounts on the Term Loan and the swap reflect our total monthly interest obligation which is fixed at 6.08%.

The effective portion of the cash flow hedge is reported as other comprehensive income and reclassified into earnings in the same period during which the hedged transaction affects earnings. At April 28, 2006, the effective portion of the cash flow hedge was a deferred net gain of approximately \$120,000. Over the next twelve months, we expect to reclassify approximately \$68,000 of the gain to interest expense as principle on the Term Loan is repaid and the related swap-instrument notional amount is reduced.

The ineffective portion of the gain or loss, if there is one, impacts earnings as it occurs. There is no ineffective portion of the outstanding swap as of April 28, 2006.

### Contractual Obligations

The following table sets forth our contractual obligations as of April 28, 2006 (in thousands).

	Payments Due by Period				
	Total	Less than 1 Year	1-3 Years	3-5 Years	More than 5 Years
Operating lease obligations	\$46,637	\$6,905	\$13,510	\$12,617	\$13,605
Loan obligations	8,928	1,429	2,857	2,857	1,785
Purchase obligations	4,702	4,702	—	—	—
	-----	-----	-----	-----	-----
Total	\$60,267	\$13,036	\$16,367	\$15,474	\$15,390
	=====	=====	=====	=====	=====

Our operating lease obligations include non-cancelable lease agreements for our facilities, which expire at various dates between fiscal years 2007 and 2016. Certain leases contain escalation clauses and requirements for the payment of property taxes, insurance, and maintenance expenses. During the second quarter of fiscal year 2006, we entered into two new facility lease agreements. One lease is for our office in Maryland and the other is for our new location in Florida.

In addition, our operating lease obligations included a lease for software, which was entered into during the second quarter of fiscal year 2006.

We do not have any off-balance sheet arrangements with unconsolidated entities or related parties, and, accordingly, our liquidity and capital resources are not subject to off-balance sheet risks from unconsolidated entities.

### Recent Accounting Pronouncements

In November 2004, the FASB issued SFAS 151, *Inventory Costs*. SFAS 151 amends ARB No. 43, Chapter 4, "Inventory Pricing." This statement clarifies the accounting for abnormal amounts of idle facility expense, freight, handling costs, and wasted material, and requires those items be recognized as current period charges regardless of whether they meet the criterion of "so abnormal." In addition, this statement requires that allocation of fixed production overheads to the costs of conversion be based on the normal capacity of the production facilities. We adopted SFAS 151 the beginning of fiscal year 2006. The adoption of SFAS 151 did not have a material impact on the Company's financial statements.

On June 7, 2005, the FASB issued SFAS 154, *Accounting Changes and Error Corrections*, a replacement of APB Opinion No. 20, *Accounting Changes*, and Statement No. 3, *Reporting Accounting Changes in Interim Financial Statements*. SFAS 154 changes the requirements for the accounting for and reporting of a change in accounting principle. Previously, most voluntary changes in accounting principles were required recognition via a cumulative effect adjustment within net income of the period of the change. SFAS 154 requires retrospective application to prior periods' financial statements, unless it is impracticable to determine either the period-specific effects or the cumulative effect of the change. SFAS 154 is effective for accounting changes made in fiscal years beginning after December 15, 2005; however, SFAS 154 does not change the transition provisions of any existing accounting pronouncements. We do not believe adoption of SFAS 154 will have a material effect on our financial position, results of operations, or cash flows.

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On January 1, 2006, we adopted the FASB Staff positions FAS 115-1 and FAS 124-1, *The Meaning of Other-Than-Temporary Impairment and its Application to Certain Investments (the FSPs)*. The FSPs were issued on November 3, 2005 and nullified certain provisions of EITF No. 03-01 related to evaluating an other than temporary impairment and clarified the accounting policies set forth in FASB Statement No. 115, *Accounting for Certain Investments in Debt and Equity Securities*. We do not believe adoption of FAS 115-1 and FAS 124-1 will have a material effect on our financial position, results of operations, or cash flows.

On February 16, 2006 the FASB issued SFAS 155, *Accounting for Certain Hybrid Instruments*, which amends SFAS 133, *Accounting for Derivative Instruments and Hedging Activities*, and SFAS 140, *Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities*. SFAS 155 allows financial instruments that have embedded derivatives to be accounted for as a whole (eliminating the need to bifurcate the derivative from its host) if the holder elects to account for the whole instrument on a fair value basis. SFAS 155 also clarifies and amends certain other provisions of SFAS 133 and SFAS 140. This statement is effective for all financial instruments acquired or issued in fiscal years beginning after September 15, 2006. We do not expect our adoption of this new standard to have a material impact on our financial position, results of operations, or cash flows.

### Item 3: Quantitative and Qualitative Disclosures about Market Risk

**Interest rate risk.** Our interest income is sensitive to changes in the general level of United States interest rates, particularly since the majority of our investments are in short-term instruments. The average maturity of our investment portfolio is 14 days as of April 28, 2006. Due to the short-term nature of these cash investments, we do not believe that there is a material interest rate risk. As of April 28, 2006, our total cash and investments balance that was sensitive to interest rate risk was approximately \$29,798,000. The sensitivity of our portfolio is: if yields were to fluctuate by 100 basis points, the total effect to the investment portfolio balance would be approximately \$2,000.

The following table summarizes our cash, cash equivalents, and short-term securities, at fair value, that are sensitive to interest rate risk (in thousands).

	April 28, 2006	October 31, 2005
Cash and cash equivalents	\$24,398	\$18,920
Short-term, available-for-sale securities:		
Corporate securities	800	4,017
Government securities	4,600	6,598
	-----	-----
	\$29,798	\$29,535
	=====	=====

**Term loan and interest rate swap.** Effective July 1, 2005, and in connection with the acquisition of DTI, we entered into a Term Loan agreement in the principal amount of \$10 million with Wells Fargo Bank, National Association (the Bank), the proceeds of which were used for acquisition financing. The Term Loan bears interest at an annual rate of 1.75% above LIBOR (4.83% during the April 2006 calculation period).

We manage potential market risk from changes in interest rates on the Term Loan through the use of an interest rate swap agreement designated as a cash flow hedge. By locking in a fixed rate for the entire term of the loan, this strategy decreases the variability of earnings and cash flows resulting from interest rate fluctuations and lowers our overall borrowing costs should interest rates rise.

Coincident with the Term Loan transaction, we also entered into an interest rate swap agreement with the Bank whereby we pay interest to the Bank at a fixed rate of 4.33% and the Bank pays interest to the Company at a floating rate tied to the LIBOR index. The combined interest amounts on the Term Loan and the swap reflect our total monthly interest obligation which is locked in at 6.08%.

### Item 4: Controls and Procedures

**Conclusions regarding disclosure controls and procedure.** Under the supervision and with the participation of our management, including our Chief Executive Officer and our Chief Financial Officer, we evaluated the effectiveness of our disclosure controls and procedures, as such term is defined under Rule 13a-15(e) promulgated under the Securities Exchange Act of 1934, as amended. Based upon that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective as of the end of the period covered by this quarterly report.

**Changes in internal control over financial reporting.** There have been no changes in our internal control over financial reporting during the quarter ended April 28, 2006 that have materially affected, or are reasonably likely to materially affect, our internal control over financial

reporting.

**Limitations of the effectiveness of internal control.** A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the internal control system are met. Because of the inherent limitations of any internal control system, no evaluation of controls can provide absolute assurance that all control issues, if any, within a company have been detected. Notwithstanding these limitations, our disclosure controls and procedures are designed to provide reasonable assurance of achieving their objectives. Our Chief Executive Officer and Chief Financial Officer have concluded that our disclosure controls and procedures are, in fact, effective at the “reasonable assurance” level.

## Part II. Other Information

### Item 1: Legal Proceedings

We are subject to litigation from time to time in the ordinary course of business including, but not limited to, allegations of wrongful termination or discrimination, or governmental agency investigations. As a government contractor, we may also be subject to investigations by the United States Government for alleged violations of procurement or other federal laws. Under present government procurement regulations, if judged in violation of procurement or other federal civil laws, we could be suspended or barred from eligibility for awards of new government contracts.

**Legal proceedings.** On March 11 and July 19, 2005, purported securities class action complaints were filed in the United States District Court, Northern District of California. The cases were considered as *In re Applied Signal Technology Inc. Securities Litigation*, Master File No. 4:05-cv-1027 (SBA). The amended consolidated complaint is brought on behalf of a putative class of persons who purchased our Company’s securities during a class period of August 24, 2004 through February 22, 2005. The complaints name us, our Chief Executive Officer, and our Chief Financial Officer as defendants, and allege that false and misleading statements regarding us were issued during the class period. On February 8, 2006, the Court dismissed the case with prejudice and entered judgment in defendants’ favor. Plaintiffs appealed the judgment of dismissal on March 23, 2006; any future unfavorable outcome of the litigation could have an adverse impact on our business, financial condition, and results of operation. At this time we cannot estimate the amount of possible loss or range of loss that might be incurred as a result of this proceeding.

### Item 1A: Risk Factors

Our future performance is subject to a variety of risks. If any of the following risks actually occurs, our business could be harmed and the trading price of our common stock could decline. In addition to the following disclosures, please refer to the other information contained in this report, including the financial statements and related notes.

**We are subject to a number of special risks as a result of our acquisition of Dynamics Technology, Inc.** On July 1, 2005, we acquired DTI for approximately \$30.1 million, plus estimated transaction costs. Our future results of operations will be substantially influenced by the operations of the new business unit, and as a result of the acquisition, we will be subject to a number of risks and uncertainties, including the following:

- We continue to integrate the technologies and operations of DTI, which could result in a diversion of management resources, and distract management from day-to-day operational matters, as well as other strategic opportunities, and could strain our financial and managerial controls and reporting systems and procedures. Unanticipated costs could arise during the integration of operations of the new businesses. If we are unable to successfully integrate DTI operations, or if actual integration and transition costs are significantly greater than currently anticipated, we may not achieve the anticipated benefits of the acquisition and our revenues and operating results could be adversely affected. In addition, as a result of the acquisition, we are a larger, more geographically dispersed and complex organization, and if our management is unable to effectively manage the combined Company, our operating results will suffer.
- As a result of the acquisition, we are entering markets in which AST has no or limited prior experience. We may not be successful in these markets, and we may be unable to retain all existing, or enter into new, contracts for DTI’s business lines, or grow the combined business. We may not achieve the strategic objectives and other anticipated potential benefits of the acquisition. Our failure to achieve these strategic objectives could have a material, adverse effect on our revenues, expenses, and operating results.
- Transaction costs associated with the acquisition have been included as part of the total purchase cost for accounting purposes. In addition, we may incur charges to operations in amounts that are not currently estimable, in the quarters following the acquisition, to reflect costs associated with integrating the two companies, and we will continue to record additional operating expenses associated with the amortization of other intangible assets acquired in the acquisition. These costs could adversely affect our future liquidity and operating results.
- As a result of the acquisition, we incurred debt in the amount of \$10 million, and our failure to repay this debt when due would materially, adversely affect our financial condition and results of operations.
- We may also be assuming unknown liabilities, risk the incurrence of expenses related to the future impairment of goodwill or the incurrence of other large write-offs immediately or in the future.

***We may not achieve the anticipated benefits of our investments in new business opportunities and any such investments could have a negative, material impact on our operating results and financial condition.*** We have formed the Electronic Systems Division in order to expand our historical COMINT business into ELINT and have expanded our signal processing capabilities as a result of our acquisition of DTI. This diversification requires us to invest additional capital, open new facilities, and incur additional R&D expenditures. In addition, diversification results in diversion of management's attention from our core business. Although we believe that entering into these new business areas will be important to remaining competitive in the defense electronics marketplace, there can be no assurance that we will derive benefits from this diversification, our core business could suffer, and we could incur significant unanticipated costs, which could have a material impact on our results of operations.

***Any decrease in expected product sales during a period could adversely impact our revenues, results of operations, and financial condition.*** From time to time, we have derived a significant portion of our revenue from product sales. In recent periods, however, we have been focusing on sales of systems and software, and targeting larger programs. In addition, we have experienced some seasonality in product sales to the United States Government, with more product sales occurring in the second half of the fiscal year than the first. The amount and timing of Government purchases of products is unpredictable, and fluctuates significantly from period to period, making it difficult for us to predict the amount of revenue we will generate from product sales in any particular period, and causing our revenues to fluctuate from period to period. If we are not able to generate revenues from product sales as expected in a particular period, we may fail to meet our revenue expectations and the expectations of industry analysts and investors, which could cause our stock price to decline.

***If we are unable to recruit, train, and retain key personnel with required security clearances, our ability to develop, introduce, and sell our products may be adversely impacted.*** Our ability to execute our business plan is contingent upon successfully attracting and retaining qualified employees who obtain, or are able to obtain and retain, necessary government security clearances. If we fail to attract and retain qualified employees who can obtain the necessary security clearances, our business could be significantly harmed. The loss of the services of our qualified employees, the inability to attract or retain qualified personnel in the future, or delays in hiring required personnel could negatively impact our ability to develop, introduce, and sell our products. In addition, employees may leave us and subsequently compete against us.

Many of the personnel we hire will need United States Government security clearances in order to perform tasks required on our government contracts, and without such clearances, employees cannot work on the majority of our projects. We have found that there is a shortage of qualified personnel possessing the necessary clearances, and new security clearances are taking longer to be granted. If we are not able to obtain security clearances for our personnel where required, they will be unable to perform tasks requiring clearances, and we may be unable to satisfy the terms of our contracts, resulting in customer dissatisfaction and possible loss of current or future contracts.

***Stop-work orders could negatively impact our operating results and financial condition.*** Almost all of our contracts contain stop-work clauses that permit the Government or other contracting party, at any time, by written order, to stop work on all or any part of the work called for by the contract for a period of ninety days. Within the ninety-day period, the other contracting party may cancel the stop-work order and resume work or terminate all or part of the work covered by the stop-work order.

For example, during June 2004, we received a stop-work order instructing us to stop work on a portion of our largest single contract. In accordance with the instructions received from the other contracting party, we prepared a proposal that detailed the tasks that were stopped and estimated the reduction in contract costs. Final negotiations were completed during the fourth quarter of 2005. New orders and backlog were reduced by approximately \$12 million. As a result of the stop-work order, we estimate that our opportunity to generate revenues from this contract was reduced by approximately \$3 to \$4 million in fiscal year 2004, by approximately \$6 to \$7 million in fiscal year 2005, and the balance in fiscal year 2006. There can be no assurance that stop-work orders will not be received in future periods. If we receive additional stop work orders, our orders and backlog may be reduced, and we may fail to achieve anticipated revenues.

***Any reduction in government spending on ISR could materially adversely impact our revenues, results of operations, and financial condition.*** Historically, defense and intelligence agencies of the United States Government have accounted for almost all of our revenues. There are risks associated with programs that are subject to appropriation by Congress, which could be potential targets for reductions in funding to pay for other programs. Future reductions in United States Government spending on global security or future changes in the kind of products or services required by the United States Government agencies could limit demand for our products and services, which could result in failure to achieve anticipated revenues, resulting in a materially adverse effect on our operating results and financial condition.

In the event there are shifts in responsibilities and functions among the government agencies responsible for United States defense and intelligence, it could result in a reduction of orders for global security by the defense and intelligence agencies that have historically been our major customers. Our relationships with other Government agencies to which responsibilities and functions for our contracts have shifted may not be as strong as our relationships with current customer agencies. Accordingly, a reduction in contracts from our customer agencies may not be offset by contracts from other United States Government agencies. Even if other agencies increase spending for global security, we may not secure the same amount of work from these agencies. As a result, demand for our products and services could decline, resulting in a decrease in revenues, and could adversely affect our operating results and financial condition materially.

***If we are unable to comply with complex government regulations governing security and contracting practices, we could be disqualified as a supplier to the United States Government.*** As a supplier to United States Government defense and intelligence agencies, we must comply with numerous regulations, including those governing security and contracting practices. Failure to comply with these procurement regulations and practices could result in fines being imposed against us or our suspension for a period of time from eligibility for bidding on, or for award of, new government contracts. If we are disqualified as a supplier to government agencies, we will lose most, if not all, of our customers, revenues from sales of our products would decline significantly, and our ability to continue operations would be seriously jeopardized. Among the causes for disqualification are violations of various statutes, including those related to procurement integrity, export control, United States Government security regulations, employment practices, protection of the environment, accuracy of records in the recording of costs, and foreign corruption. The government may investigate and make inquiries of our business practices and conduct audits of contract performance and cost accounting. Depending on the results of these audits and investigations, the government may make claims against us, and if it prevails, certain incurred costs would not be recoverable.

***We depend on revenues from a few significant contracts, and any loss, cancellation, reduction, or delay in these contracts could harm our business.*** From time to time, including recent periods, we have derived a material portion of our revenue from one or more individual contracts that could be terminated by the customer in full or in part at the customer's discretion. We have in the past experienced a significant reduction of and stop work order on one of our largest contracts. We expect that in future periods we may again enter into individual contracts with significant revenue concentrations. In addition, the majority of our contracts are with a limited number of government agencies. If our individually large contracts were terminated or substantially reduced, we could fail to achieve expected revenues and net income.

***United States Government contracts are generally not fully funded at inception and funding may be terminated or reduced at any time.*** We act as a prime contractor or subcontractor for many different United States Government programs. Department of Defense and intelligence contracts typically involve long lead times for design and development and are subject to significant changes in contract scheduling. Programs can be partially funded initially, and additional funds may or may not be allocated. The termination or reduction of funding for a government program would result in a loss of anticipated future revenues attributable to that program.

Our backlog as of April 28, 2006 was approximately \$123 million and includes orders under awards that in some cases extend several years. The actual receipt of revenues on awards included in backlog may never occur or may change because a program schedule could change or the program could be canceled, or a contract could be reduced, modified, or terminated early.

***Our business depends upon our relationships with, and the performance of, our prime contractors.*** We expect to continue to depend on relationships with other contractors for a substantial portion of our revenues in the foreseeable future. Our business, prospects, financial condition, or operating results could be adversely affected if other contractors terminate or reduce their subcontracts or relationships with us, either because they choose to establish relationships with our competitors or because they choose to directly offer services that compete with our business. Our business also suffers if the prime contractor fails to win the contract, or if the Government terminates or reduces these other contractors' programs or does not award them new or additional contracts.

In addition, on those contracts for which we are not the prime contractor, the United States Government could terminate a prime contract under which we are subcontractor, regardless of the quality of our performance as a subcontractor. A prime contractor's performance deficiencies could adversely affect our status as a subcontractor on the program, jeopardize our ability to collect award or incentive fees, cause customers to delay payments, and result in contract terminations.

***We depend on revenues from a few significant customers, the loss of any significant customer could have an adverse effect on our business.*** Our success will depend on our continued ability to develop and manage relationships with significant customers. The markets in which we sell our products are dominated by a relatively small number of governmental agencies and allies of the United States Government, thereby limiting the number of potential customers. Our dependence on large orders from a relatively small number of customers makes our relationship with each customer critical to our business. We cannot be sure that we will be able to retain our largest customers, that we will be able to attract additional customers, or that our customers will continue to buy our products and services in the same amounts as in prior years. The loss of one or more of our largest customers, any reduction or delay in sales to these customers, our inability to successfully develop relationships with additional customers, or future price concessions that we may have to make could significantly harm our business.

***Continued competition in ISR may lead to a reduction in our revenues and market share.*** The global security market is highly competitive and we expect that competition will continue to increase in the future. Our current competitors have significantly greater technical, manufacturing, financial, and marketing resources than we do. We expect that more companies will enter the market for global security, possibly resulting in pricing pressures on our products and services. We may not be able to compete successfully against either current or future competitors. Increased competition could result in reduced revenue, lower margins, or loss of market share, any of which could significantly harm our business. Our competitors may introduce improved products with lower prices, and we will have to do the same to remain competitive.

***Unexpected increases in the cost to develop or manufacture our products under fixed-price contracts may cause us to experience unreimbursed cost overruns.*** A significant portion of our revenue is derived from fixed-price contracts. Under fixed-price contracts, unexpected increases in the cost to develop or manufacture a product, whether due to inaccurate estimates in the bidding process, unanticipated increases in



materials costs, inefficiencies, or other factors, are borne by us. We have experienced cost overruns in the past that have resulted in losses on certain contracts, and may experience additional cost overruns in the future. Such cost overruns would increase our operating expenses, reduce our net income and earnings per share, and could have a material adverse effect on our future results of operations and financial condition.

**Unexpected contract terminations could negatively impact our operating results and financial condition.** Almost all of our contracts contain termination clauses that permit contract termination upon our default or for the convenience of the other contracting party. In either case, termination could adversely affect our operating results and financial condition; however, we received no such notifications in fiscal years 2006 or 2005.

**Our future revenues are inherently unpredictable, our operating results are likely to fluctuate from period to period, and if we fail to meet the expectations of securities analysts or investors, our stock price could decline significantly.** Our quarterly and annual operating results have fluctuated in the past and are likely to fluctuate significantly in the future due to a variety of factors, some of which are outside our control. Accordingly, we believe that period-to-period comparisons of our results of operations are not meaningful and should not be relied upon as indications of future performance. Some of the factors that could cause our quarterly or annual operating results to fluctuate include conditions inherent in government contracting and our business such as the timing of cost and expense recognition for contracts, the United States Government contracting and budget cycles, and contract closeouts. Because we base our operating expenses on anticipated revenue trends and a high percentage of our expenses are fixed in the short term, any delay in generating or recognizing forecasted revenues could significantly harm our business. Fluctuations in quarterly results, competition, or announcements of extraordinary events such as acquisitions or litigation may cause earnings to fall below the expectations of securities analysts and investors. In this event, the trading price of our common stock could significantly decline. In addition, there can be no assurance that an active trading market will be sustained for our common stock. The stock market in recent years has experienced extreme price and volume fluctuations that have particularly affected the market prices of many technology companies. These fluctuations, as well as general economic and market conditions, may adversely affect the future market price of our common stock.

**Our market is subject to rapid technological change, and to compete effectively, we must continually introduce new signal processing solutions that achieve market acceptance.** The market for our products is characterized by rapidly changing technology, frequent new product introductions, changes in customer requirements, and evolving industry standards. We believe that we have been successful to date in identifying certain global security needs early, investing in research and development to meet these needs, and delivering products before our competitors. We believe that our future success will depend upon continued development and timely introduction of products capable of satisfying emerging global security needs. However, we expect that new requirements will continue to emerge. Our future performance will depend on the successful development, introduction, and market acceptance of new and enhanced products that address these new requirements. The introduction of new and enhanced products may cause our customers to defer or cancel orders for existing products. There can be no assurance that we will be able to develop and market new products successfully in the future or respond effectively to new requirements, or that new products introduced by others will not render our products or technologies noncompetitive or obsolete.

We also may not be able to develop the underlying core technologies necessary to create new products and enhancements or to license these technologies from third parties. Product development delays may result from numerous factors, including:

- Changing product specifications and customer requirements
- Difficulties in hiring and retaining necessary technical personnel
- Difficulties in reallocating engineering resources and overcoming resource limitations
- Difficulties with contract manufacturers
- Changing market or competitive product requirements
- Unanticipated engineering complexities

The development of new, technologically advanced products is a complex and uncertain process requiring high levels of innovation and highly skilled engineering and development personnel, as well as the accurate anticipation of technological and market trends. We cannot ensure that we will be able to identify, develop, manufacture, market, or support new or enhanced products successfully, or on a timely basis, if at all. Further, we cannot ensure that our new products will gain market acceptance or that we will be able to respond effectively to product announcements by competitors, technological changes, or emerging industry standards. Any failure to respond to technological change would significantly harm our business.

**Our results of operations could be negatively impacted if we are required to write off inventory deemed not saleable or usable.** Some of our products or raw materials may become obsolete or unusable while in inventory. This could be due to changing customer specifications, decreases in demand for existing products, or changes in government spending on signal intelligence. Work in process deemed not saleable is written off to contract costs in our statement of operations, while unusable raw materials are written off to general and administrative expenses.

**We may lose sales if our suppliers fail to meet our needs.** Although we procure most of our parts and components from multiple sources or believe that these components are readily available from numerous sources, certain components are available only from sole sources or from a limited number of sources. While we believe that substitute components or assemblies could be obtained, use of substitutes would require

development of new suppliers or would require us to re-engineer our products, or both, which could delay shipment of our products and could have a materially adverse effect on our operating results and financial condition.

***Our headquarters and most of our operations are located in California where natural disasters may occur, resulting in disruption to our business.*** Our corporate headquarters, including most of our research and development operations and production facilities, are located in the Silicon Valley area of Northern California, a region known for being vulnerable to natural disasters and other risks, such as earthquakes, fires, and floods, which at times have disrupted the local economy and posed physical risks to our property. A significant earthquake could materially affect operating results. We are not insured for most losses and business interruptions of this kind, and do not presently have redundant, multiple site capacity in the event of a natural disaster. In the event of such disaster, our business would suffer.

***Delays in the receipt of contracts could negatively impact our business.*** During our history, the receipt of certain final contracts has periodically been delayed to periods later than originally expected. While we work closely with our customers to try to capture what we believe to be sole-source orders, delays in the receipt of such orders could result in revenues falling short of estimates. On some of these contracts, we will make expenditures in advance of receipt of the final contract in anticipation of meeting the expected timetables, and will from time to time hire personnel in anticipation of receipt of the contract. If the contract is delayed, these costs are not covered. In addition, gross margins and net income will decrease if we elect to hold our cost structure in place while awaiting the award of delayed contracts.

***Our failure to protect our intellectual property may significantly harm our business.*** Our success and ability to compete is dependent in part on our proprietary technology. We rely on a combination of patent, copyright, trademark, and trade secret laws, as well as confidentiality agreements to establish and protect our proprietary rights. We license certain of our proprietary technology to customers, and we rely largely on provisions of our licensing agreements to protect our intellectual property rights in this technology. To date, we have relied primarily on proprietary processes and know-how to protect our intellectual property. Although we have filed applications for several patents, four of which we currently hold, we cannot ensure that any patents will be issued as a result of pending patent applications or that our issued patents will be upheld. Any infringement of our proprietary rights could result in significant litigation costs, and any failure to adequately protect our proprietary rights could result in our competitors offering similar products, potentially resulting in loss of a competitive advantage and decreased revenues. Despite our efforts to protect our proprietary rights, existing patent, copyright, trademark, and trade secret laws afford only limited protection. In addition, the laws of some foreign countries do not protect our proprietary rights to the same extent as do the laws of the United States. Attempts may be made to copy or reverse engineer aspects of our products or to obtain and use information that we regard as proprietary. Accordingly, we may not be able to prevent misappropriation of our technology or deter others from developing similar technology. Furthermore, policing the unauthorized use of our products is difficult. Litigation may be necessary in the future to enforce our intellectual property rights or to determine the validity and scope of the proprietary rights of others. This litigation could result in substantial costs and diversion of resources, and could significantly harm our business.

***Claims that we infringe third-party intellectual property rights could result in significant expenses or restrictions on our ability to sell our products.*** It is possible that from time to time, other parties may assert patent, copyright, trademark, and other intellectual property rights to technologies and in various jurisdictions that are important to our business. Any claims asserting that our products infringe or may infringe proprietary rights of third parties, if determined adverse to us, could significantly harm our business. Any claims, with or without merit, could result in costly litigation, divert the efforts of our technical and management personnel, cause product shipment delays, or require us to enter into royalty or licensing agreements, any of which could significantly harm our business. Royalty or licensing agreements, if required, may not be available on terms acceptable to us, if at all. In addition, our agreements with our customers typically require us to indemnify our customers from any expense or liability resulting from claimed infringement of third-party intellectual property rights. In the event a claim against us was successful and we could not obtain a license to the relevant technology on acceptable terms, license a substitute technology, or redesign our products to avoid infringement, our business would be significantly harmed.

***Continued compliance with new regulatory and accounting requirements will be challenging and is likely to cause our general and administrative expenses to increase and impact our future financial position and results of operations.*** As a result of compliance with the Sarbanes-Oxley Act of 2002, as well as changes to listing standards adopted by the Nasdaq Stock Market, and the attestation and accounting changes required by the SEC, we are required to implement additional internal controls, to improve our existing internal controls, and to comprehensively document and test our internal controls. Although we successfully met our initial compliance with internal control evaluation and attestation at the end of fiscal year 2005, we continue to remain subject to these requirements, and as a result, expect to continue to hire additional personnel and to obtain additional outside legal, accounting, and advisory services, all of which adds to our general and administrative costs. In addition, changes in the accounting rules, including legislative and other requirements to account for employee stock options as a compensation expense among others, are expected to materially increase the expenses that we report under generally accepted accounting principles, which may adversely affect our operating results.

***Changes in stock option accounting rules have adversely impacted our operating results prepared in accordance with generally accepted accounting principles.*** We have historically used broad-based employee stock option programs to hire, incentivize, and retain our workforce in a competitive marketplace. In December 2004, the FASB issued SFAS 123R, *Share-Based Payment*, which requires all companies to measure compensation cost for all share-based payments, including employee stock options, at fair value. These rules became applicable to us with the quarter ended January 28, 2006, and we have adopted Statement 123R beginning with the first quarter of our 2006 fiscal year, and implemented the new standard on a prospective basis. As a result of the adoption of SFAS 123R, we have incurred approximately \$2,266,000 in stock

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compensation expense. We expect to continue to incur compensation expense in the future. Please refer to "Notes to Condensed Consolidated Financial Statements, Note 1: Summary of Significant Accounting Policies, Stock-Based Compensation."

### Item 2: Unregistered Sales of Equity Securities and Use of Proceeds

None.

### Item 3: Defaults Upon Senior Securities

None.

### Item 4: Submission of Matters to a Vote of Security Holders

At the annual meeting of our shareholders held on March 14, 2006, the following matters were considered and voted upon.

The following nominees were elected as Class II directors to serve on our Board of Directors for a two-year term expiring at the 2008 annual meeting of shareholders and until their successors are duly elected and qualified. The number of shares voted and withheld for such nominees were as follows:

Name	For	Withheld
Milton E. Cooper	9,759,568	321,644
John R. Treichler	9,616,537	465,675
Stuart G. Whittelsey, Jr.	9,452,557	628,655

The appointment of Ernst & Young LLP as our independent registered public accounting firm for the fiscal year ending October 31, 2006 was approved and ratified. The number of shares voted for such nominees were as follows:

For	Against	Abstain
9,593,649	471,020	16,543

### Item 5: Other Information

None.

### Item 6: Exhibits

*Exhibits.* See [Index to Exhibits](#).

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### Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Applied Signal Technology, Inc.

/James E. Doyle/

June 1, 2006

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James E. Doyle

Vice President and Chief Financial Officer  
(Principal Financial and Accounting Officer)

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**Applied Signal Technology, Inc.**  
**Index to Exhibits**

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- 3.1 Second Amended and Restated Articles of Incorporation
- 3.2 Amended and Restated Bylaws
- 4.1 Specimen Common Stock Certificate
- 10.55 First Amendment to Lease Termination and Mutual Release Agreement with NBP, 131-133-141, LLC
- 10.56 Second Amendment to Agreement of Lease with NBP306, LLC
- 31.1 Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 31.2 Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 32.1 Certification of Chief Executive Officer Pursuant to 18 U.S.C. Section 1350, As Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
- 32.2 Certification of Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, As Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002